

LOTTO 2 - Scheda di omologa del rifiuto

SEZIONE 1 – PRODUTTORE DEL RIFIUTO

1.1 NOME O RAGIONE SOCIALE: **UNIVERSITA' DEGLI STUDI DI MILANO**

Cod. Fisc **80012650158** - P. IVA **03064870151**

1.2 INDIRIZZO SEDE LEGALE Via **FESTA DEL PERDONO** n. **7** CAP **20122**

Comune **MILANO** Prov **MI** n°tel **02.50313483/8**

ALBO / AUT. del / / Scadenza / /

1.3 INDIRIZZO UNITA' LOCALE UNIMI n. 28:

Via dell'Università, 6 - CAP 26900 – Comune: **LODI** - n° tel **0250334157**

Codice ISTAT Attività 85.42.00 Mail: piergiuseppe.invernizzi@unimi.it

SEZIONE 2 – INTERMEDIARIO COMMERCIALE

2.1 NOME O RAGIONE SOCIALE

Cod. Fisc P. IVA

2.2 INDIRIZZO SEDE LEGALE Via n. CAP

Comune Prov n° tel n° fax

ALBO / AUT. del / / Scadenza / /

Codice ISTAT Attività Mail

SEZIONE 3 – CARATTERIZZAZIONE DEL RIFIUTO

3.1 Caratteristiche del rifiuto

Denominazione del rifiuto: **Sostanze pericolose**

Codice CER: **18.02.05*** • RIFIUTO NON PERICOLOSO • **RIFIUTO PERICOLOSO**

3.2 Caratteristiche chimico – fisiche

(evidenziare in grassetto la voce che interessa)

Stato fisico: 1. SOLIDO POLVERULENTO 2. SOLIDO NON POLVERULENTO
3. FANGOSO PALABILE 4. **LIQUIDO** 5. VISCHIOSO

Natura: • ORGANICA • INORGANICA • **MISTA**

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Colore: //

Odore: • **inodore** • organico • caratteristico • idrocarburico • altro:

Tipologia/Composizione rifiuto: **Liquidi colturali; soluzioni acquose di diluenti, detergenti, sheat cd, lisante per ematologia, sangue animale.**

3.3 Allegati • rif. R.d.P: _____

- Campioni • Schede tecniche del prodotto
- altro (specificare): **schede di sicurezza**

SEZIONE 4 – TRASPORTO IN REGIME ADR

ADR ☐ **SI** ☐ **NO** Classe _____ Numero ONU _____

SEZIONE 5 – IDENTIFICAZIONE DEL RIFIUTO

5.1 Fonte ed origine dei rifiuti (attività generale del produttore): DIDATTICA E RICERCA UNIVERSITARIA

• **PRODUZIONE**

- ☐ ATTIVITA' TRATTAMENTO RIFIUTI ☐ ATTIVITA' STOCCAGGIO RIFIUTI
- ☐ ALTRA ATTIVITA' A SCELTA IP-LE SECONDO (barrare una o più caselle):
- ☐ industria (specificare: _____)
- ☐ attività commerciali (specificare: _____)
- ☐ altro (specificare: _____)

Descrizione del processo di origine del rifiuto:

5.3 Sostanze prime impiegate

Nome della sostanza	Formula chimica (Max. 4)

SEZIONE 6 – CARATTERISTICHE DI PERICOLO DEL RIFIUTO - RITIRABILI

(Evidenziare in grassetto le eventuali caratteristiche di pericolo del rifiuto)

Inflammabile, con punto di infiammabilità <55 °C	HP3
Inflammabile, con punto di infiammabilità >55 °C	HP3
Irritante – Irritazione cutanea e lesioni oculari	HP4
Tossicità specifica per organi bersaglio (STOT)/Tossicità in caso di aspirazione	HP5
Tossicità acuta	HP6
Cancerogeno	HP7
Corrosivo	HP8
Infettivo	HP9
Tossico per la riproduzione	HP10
Mutageno	HP11
Liberazione di gas a tossicità acuta	HP12
Sensibilizzante	HP13
Ecotossico	HP14
Rifiuto che non possiede direttamente una delle caratteristiche di pericolo summenzionate ma può manifestarla successivamente	HP15

SEZIONE 7 – CONTROLLO DEL PERICOLO DI INCIDENTI RILEVANTI CONNESSI CON SOSTANZE PERICOLOSE (rif. Direttiva 2012/18/UE del 4 luglio 2012, cosiddetta SEVESO III e D. Lgs 334/99 e s.m.i)

Il rifiuto rientra nella direttiva SEVESO: **SI'** **NO**

(evidenziare in grassetto la voce che interessa)

Se sì, specificare le sostanze e la loro categoria:

SEZIONE 8 – QUANTITATIVO E STOCCAGGIO

Quantità Annua prevista in kg: 160

Modalità di confezionamento del rifiuto:

(evidenziare in grassetto la voce che interessa)

1.su bancale 2.in big-bags 3.in cisternette 4.in fusti **5.in taniche A BOCCA STRETTA 10 LITRI**

6.altro:

Frequenza presunta di conferimento: a chiamata

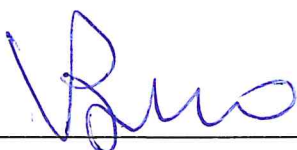
Dati del Produttore

Funzione Aziendale: **Responsabile di Unità Locale**

Nome: **Valerio**

Cognome: **Bronzo**

Firma

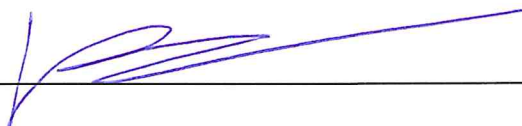


Funzione Aziendale: **Delegato di Unità Locale**

Nome: **Mirko**

Cognome: **Bodini**


Firma



Nome: **Piergiuseppe**

Cognome: **Invernizzi**

Firma



Data compilazione: **22 novembre 2022**

Material Safety Data Sheet

According to 1907/2006EC, Article 31

1. Identification of substance:

Product Name: *DIATON-SYS DILUENT*
Cat. No.: *h23101, h23111*
Application of the substance / the preparation: *Laboratory reagent For In Vitro Diagnostic Use*

Manufacturer/Supplier: *Diagon Ltd.*
Baross u. 52 Tel.: +36-1-3696500
H-1047 Budapest Fax: +36-1-3696301
Hungary www.diagon.com

Informing service: *Diagon customer service helpdesk@diagon.com*
Emergency information: *Health Toxicological Information Service (HTIS) during office hours Tel.: +36-1-4766464*

2. Hazards identification

Hazard designation: *Void*
Information pertaining to particular dangers for man and environment:
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Classification system: *The classification is conform to current EC-directives*

3. Composition/Data on components:

Dangerous components according to EC-criteria:

CAS: 10043-35-3 EC: 233-139-2	<i>Boric acid</i>	 Repr. Tox. 1B, H360  T, Repr. Tox. Cat.2, R60 - R61	<i><0,5%</i>
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4. First aid measures

General information: *No special measures required.*
Inhalation: *Supply fresh air; consult doctor in case of symptoms.*
Skin contact: *Wash skin with water.*
Eye contact: *Immediately rinse opened eye for several minutes under running water.*
Ingestion: *In case of persistent symptoms consult doctor.*



Material Safety Data Sheet

According to 1907/2006EC, Article 31

5. Fire fighting measures

Suitable extinguishing agents: CO₂, extinguishing powder or water jet.
Protective equipment: No special measures required.
Specific risks: Non determined
Additional recommendations: None

6. Accidental release measures:

Person-related safety precautions: Wear lab coat, protective gloves and safety goggles.
Measures for environmental protection: Dilute with much water.
Measures for cleaning/collecting: Absorb with liquid-binding material (diatomite, acid binders, universal binders).
Additional information: No dangerous materials are released.

7. Handling and storage

Handling
Safe handling: No special measures required.
Protection against explosions and fires: No special measures required.
Storage
Storerooms and containers: No special requirements.
Storage in one common storage facility: Not required.
Further storage conditions: Protect from direct sunlight, store at 15-35 °C

8. Exposure controls and personal protection

Components with limit values at the workplace: Not required.
Additional information: The lists that were valid during the compilation were used as basis.
General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals.
Personal protective equipment:
Breathing equipment: Not necessary, if room is well-ventilated.
Hand protection: Protective gloves
Eye protection: Safety glasses recommended during refilling.
Skin protection: Lab coat.
Hygiene measures: Wash hands before and after use.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

9. Physical and chemical properties

General Information

Form:	<i>Fluid</i>
Colour:	<i>Colourless</i>
Odour:	<i>Odourless</i>
Change in condition	
Melting point/Melting range:	<i>Not determined</i>
Boiling point/Boiling range:	<i>100°C</i>
Flash point:	<i>Not applicable</i>
Self-inflammability:	<i>Product is not self-igniting</i>
Danger of explosion:	<i>Product is not explosive.</i>
Vapour pressure at 20°C:	<i>23 hPa</i>
Density at 20°C	<i>1.01 g/cm³</i>
Solubility in / Miscibility with Water:	<i>Fully miscible</i>
pH-value at 20°C:	<i>~7.5</i>
Viscosity:	<i>1 mPas (dynamic at 20°C)</i>

10. Stability and reactivity

Thermal decomposition / conditions to be avoided:	<i>No decomposition if used according to specifications.</i>
Dangerous reactions	<i>No dangerous reactions known.</i>
Dangerous products of decomposition:	<i>No dangerous decomposition products known.</i>

11. Toxicological information

Potential acute health effects:

Inhalation: *Not determined.*

Ingestion: *Not determined.*

Skin contact: *Harmful by skin contact.*

Eye contact: *Not determined.*

Acute toxicity:

Ingredient name: *Boric acid*

Examination	Species	Result	Exposure
<i>LD50 Oral</i>	<i>rat</i>	<i>2,66 mg/kg</i>	<i>-</i>

Potential chronic health effects:

Reproduction toxicity: *Harmful for the unborn child.*

Material Safety Data Sheet

According to 1907/2006EC, Article 31

12. Ecological information

General notes: No data available.
Mobility: No data available.
Degradability: No data available.
Bio accumulative potential: No data available.
Ecotoxicology: No data available
Other hazardous effects: No data available.

13. Disposal considerations

Product:

Recommendation: The product must be disposed of as a laboratory chemical according to local regulations. Do not allow product to reach ground water or sewage system.

Contaminated packaging:

Recommendation: Incineration. There are no uniform EC-regulations for the disposal of packaging as waste.

14. Transport information

International transport regulations:

Regulatory information	UN number	Proper shipping name	Classes	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-	-	-
ADNR Class	Not regulated.	-	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-	-
IATA Class	Not regulated..	-	-	-	-	-

15. Regulatory information

Labeling according to directive 67/548/EGK.

Other regulations: 2000./XXV., 2004./XXVI law of chemical safety and mandatory regulation 44/2000. (XII. 27.) EüM., 33/2004. ESZCSM regulation of dangerous materials and preparations, procedure rules 2000./ XLIII. law of waste management 98/2001. (VI. 15.) government regulation, 16/2001. (VII. 18.) KöM regulation.



Material Safety Data Sheet

According to 1907/2006EC, Article 31

16. *Other information:*

Diagon LTD provides the information in this data sheet in good faith, declaring it is up-to-date at time of revision. However this document is intended only as a guide for professional use, according to the intended purposes of the product. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

1. Identification of substance:

Product Name: *DIALYSER-SYS-SHB*
Cat. No.: *h 23105, h 23115*
Application of the substance / the preparation: *Laboratory reagent For In Vitro Diagnostic Use*

Manufacturer/Supplier: *Diagon Ltd.*
Baross u. 52 *Tel.: +36-1-3696500*
H-1047 Budapest *Fax: +36-1-3696301*
Hungary *www.diagon.com*





Informing service: *Diagon customer service* *helpdesk@diagon.com*
Emergency information: *Health Toxicological Information Service (HTIS)*
during office hours *Tel.: +36-1-4766464*

2. Hazards identification

Hazard designation: *Void*
Information pertaining to particular dangers for man and environment:
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Classification system: *The classification is conform to current EC-directives*

3. Composition/Data on components:

Dangerous components according to EC-criteria:

CAS: 151-21-3 EC: 205-788-1	<i>Sodium dodecyl sulfate</i>	  Flammable 2, Acute Tox. 3, Skin Irrit. 2, Eye Irrit. 2, Specific target organ toxicity - single exposure 3, H228, H302, H311, H315, H319, H335  F,  Xn, R11, R21/22, R36/37/38	<20,0%
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4. First aid measures

General information: *No special measures required.*
Inhalation: *Supply fresh air; consult doctor in case of symptoms.*
Skin contact: *Wash skin with water.*
Eye contact: *Immediately rinse opened eye for several minutes under running water.*
Ingestion: *In case of persistent symptoms consult doctor.*

Material Safety Data Sheet

According to 1907/2006EC, Article 31

5. Fire fighting measures

Suitable extinguishing agents: CO₂, extinguishing powder or water jet.
Protective equipment: No special measures required.
Specific risks: Non determined
Additional recommendations: None

6. Accidental release measures:

Person-related safety precautions: Wear lab coat, protective gloves and safety goggles.
Measures for environmental protection: Dilute with much water.
Measures for cleaning/collecting: Absorb with liquid-binding material (diatomite, acid binders, universal binders).
Additional information: No dangerous materials are released.

7. Handling and storage

Handling
Safe handling: No special measures required.
Protection against explosions and fires: No special measures required.
Storage
Storerooms and containers: No special requirements.
Storage in one common storage facility: Not required.
Further storage conditions: Protect from direct sunlight, store at 15-35 °C

8. Exposure controls and personal protection

Components with limit values at the workplace: Not required.
Additional information: The lists that were valid during the compilation were used as basis.
General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals.
Personal protective equipment:
Breathing equipment: Not necessary, if room is well-ventilated.
Hand protection: Protective gloves
Eye protection: Safety glasses recommended during refilling.
Skin protection: Lab coat.
Hygiene measures: Wash hands before and after use.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

9. Physical and chemical properties

General Information

Form:	Fluid
Colour:	Colourless
Odour:	Characteristic
Change in condition	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	100°C
Flash point:	Not applicable
Self-inflammability:	Product is not self igniting
Danger of explosion:	Product is not explosive.
Vapour pressure at 20°C:	23 hPa
Density at 20°C	1.01 g/cm ³
Solubility in / Miscibility with Water:	Fully miscible
pH-value at 20°C:	~8,5
Viscosity:	1 mPas (dynamic at 20°C)

10. Stability and reactivity

Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
Dangerous reactions	No dangerous reactions known.
Dangerous products of decomposition:	No dangerous decomposition products known.

11. Toxicological information

Potential acute health effects:

Inhalation: No data available.
Ingestion: No data available.
Skin contact: No data available.
Eye contact: No data available.

Dangerous component	examination	species	result	exposed
Sodium dodecyl sulfate	LD50 Oral	Rat	1.288 mg/kg	-
	LC50 Inhalation	Rat	3.900 mg/m ³	1h
	LD50 Dermal	Rabbit	580 mg/kg	-
	Skin Irritation	Rabbit	Skin Irritation	24h
	Eye Irritation	Rabbit	Eye Irritation	-

Potential chronic health effects: No data available.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

12. Ecological information

Ecotoxicity: No data available
Persistence and degradability No data available
Bioaccumulative potential No data available
Mobility in soil: No data available
Degradability: No data available.
Other adverse effects: No data available

13. Disposal considerations

Product:
Recommendation: The product must be disposed of as a laboratory chemical according to local regulations.
Contaminated packaging:
Recommendation: Incineration. There are no uniform EC-regulations for the disposal of packaging as waste

14. Transport information

International transport regulations:

Regulatory information	UN number	Proper shipping name	Classes	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-	-	-
ADNR Class	Not regulated.	-	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-	-
IATA Class	Not regulated..	-	-	-	-	-

15. Regulatory information

Labeling according to directive 67/548/EGK.

Other regulations: 2000./XXV., 2004./XXVI law of chemical safety and mandatory regulation 44/2000. (XII. 27.) EüM., 33/2004. ESZCSM regulation of dangerous materials and preparations, procedure rules 2000./ XLIII. law of waste management 98/2001. (VI. 15.) government regulation, 16/2001. (VII. 18.) KöM regulation.



Material Safety Data Sheet

According to 1907/2006EC, Article 31

16. Other information:

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Material Safety Data Sheet

According to 1907/2006EC, Article 31

1. Identification of substance:

Product Name: **DIACLEAN-SYS**
Cat. No.: **h 23106, h 23116, h 23126**
Application of the substance / the preparation: **Laboratory reagent For In Vitro Diagnostic Use**
Manufacturer/Supplier: **Diagon Ltd.**
 Baross u. 52 Tel.: +36-1-3696500
 H-1047 Budapest Fax: +36-1-3696301
 Hungary www.diagon.com
Informing service: **Diagon customer service** helpdesk@diagon.com
Emergency information: **Health Toxicological Information Service (HTIS)**
 during office hours Tel.: +36-1-4766464

2. Hazards identification





Xi; Irritative, R36/38, R31

Safety advice concerning dangerous preparations:
S60

3. Composition/Data on components:

Chemical characterization:

Dangerous components according to EC-criteria:

CAS: 7681-52-9 EC: 231-668-3	Sodium hypochlorite	 Skin Corr. 1B, Aquatic Acute 1, H314, H400, EUH031  C; R35	<25,0%
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4. First aid measures

General information: *No special measures required.*
Inhalation: *Supply fresh air; consult doctor in case of symptoms.*
Skin contact: *Wash skin with water and soap.*
Eye contact: *Immediately rinse opened eye for several minutes under running water. Consult doctor in case of symptoms.*
Ingestion: *Rinse out the mouth. Do not induce vomiting. Seek medical treatment.*

Material Safety Data Sheet

According to 1907/2006EC, Article 31

5. Fire fighting measures

Suitable extinguishing agents: CO₂, extinguishing powder or water jet.
Protective equipment: Wear self-contained breathing apparatus.
Specific risks: Non determined
Additional recommendations: None

6. Accidental release measures:

Person-related safety precautions: Wear a lab coat, protective gloves and safety goggles.
Measures for environmental protection: Do not allow product to reach sewage system or water bodies.
Measures for cleaning/collecting: Absorb with liquid-binding material (diatomite, acid binders, universal binders).
Additional information: No dangerous materials are released.

7. Handling and storage

Handling
Safe handling: No special measures required.
Protection against explosions and fires: No special measures required.
Storage
Storerooms and containers: No special requirements.
Storage in one common storage facility: Not required.
Further storage conditions: Protect from direct sunlight, store at 15-35 °C.

8. Exposure controls and personal protection

Components with limit values at the workplace: Not required.
Additional information: The lists that were valid during the compilation were used as basis.
General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals.
Avoid contact with the eyes and skin.
Personal protective equipment:
Breathing equipment: Not necessary, if room is well-ventilated.
Hand protection: Protective gloves
Eye protection: Safety glasses recommended during refilling.
Skin protection: Lab coat.
Hygiene measures: Wash hands before and after use.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

9. Physical and chemical properties

General Information

Form:	Fluid
Colour:	Yellow
Odour:	Chlorine-like
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	100°C
Flash point:	Not applicable
Self-inflammability:	Product is not self igniting
Danger of explosion:	Product is not explosive.
Vapour pressure at 20°C:	23 hPa
Density at 20°C	1.01 g/cm ³
Solubility in / Miscibility with Water:	Fully miscible
pH-value at 20°C:	~12
Viscosity:	1 mPas (dynamic at 20°C)

10. Stability and reactivity

Thermal decomposition: No decomposition if used according to specifications.
Conditions to be avoided: Contact with acid.
Dangerous reactions: No dangerous reactions known.
Dangerous products of decomposition: No dangerous decomposition products known.

11. Toxicological information

Potential acute health effects:

Inhalation: Not determined.

Ingestion: Irritative.

Skin contact: Irritative.

Eye contact: Irritative.

Acute toxicity:

Ingredient name	Examination	Species	Result	Exposure
Sodium hypochlorite	LD50 Oral	mouse	5800mg/kg	-

Potential chronic health effects: None determined.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

12. Ecological information

General notes: Not determined.
Mobility: Not determined.
Degradability: Not determined.
Bio accumulative potential: Not determined.
Ecotoxicology: Not determined.
Other hazardous effects: None determined.

13. Disposal considerations

Product:
General recommendation: The product must be disposed of as a laboratory chemical according to local regulations.
Contaminated packaging:
Recommendation: Incineration. There are no uniform EC-regulations for the disposal of packaging as waste

14. Transport information

International transport regulations:

Regulatory information	UN number	Proper shipping name	Classes	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-	-	-
ADNR Class	Not regulated.	-	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-	-
IATA Class	Not regulated..	-	-	-	-	-

15. Regulatory information

Labeling according to directive 67/548/EGK.

Other regulations: 2000./XXV., 2004./XXVI law of chemical safety and mandatory regulation 44/2000. (XII. 27.) EüM., 33/2004. ESZCSM regulation of dangerous materials and preparations, procedure rules 2000./ XLIII. law of waste management 98/2001. (VI. 15.) government regulation, 16/2001. (VII. 18.) KöM regulation.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

16. Other information:

Symbols:



Xi; Irritative, R36/38, R31

*Risk phrases: R36/38 Irritating to eyes and skin!
R31 Contact with acids liberates toxic gas!*

Safety phrases: S60 This material and its container must be disposed of as hazardous waste!

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Material Safety Data Sheet

According to 1907/2006EC, Article 31

1. Identification of substance:

Product Name: *DIASTROMLYSER-SYS-FBA*
Cat. No.: *h 23303, h 23313*
Application of the substance / the preparation: *Laboratory reagent For In Vitro Diagnostic Use*

Manufacturer/Supplier: *Diagon Ltd.*
Baross u. 52 *Tel.: +36-1-3696500*
H-1047 Budapest *Fax: +36-1-3696301*
Hungary *www.diagon.com*

Informing service: *Diagon customer service* *helpdesk@diagon.com*
Emergency information: *Health Toxicological Information Service (HTIS)*
during office hours *Tel.: +36-1-4766464*

2. Hazards identification

Hazard designation: *Void*
Information pertaining to particular dangers for man and environment:
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Classification system: *The classification is conform to current EC-directives*

3. Composition/Data on components:

Dangerous components according to EC-criteria:
Not present above the corresponding concentration limits.

4. First aid measures

General information: *No special measures required.*
Inhalation: *Supply fresh air; consult doctor in case of symptoms.*
Skin contact: *Wash skin with water.*
Eye contact: *Immediately rinse opened eye for several minutes under running water.*
Ingestion: *In case of persistent symptoms consult doctor.*

Material Safety Data Sheet

According to 1907/2006EC, Article 31

5. Fire fighting measures

Suitable extinguishing agents: CO₂, extinguishing powder or water jet.
Protective equipment: No special measures required.
Specific risks: Non determined
Additional recommendations: None

6. Accidental release measures:

Person-related safety precautions: Wear lab coat, protective gloves and safety goggles.
Measures for environmental protection: Dilute with much water.
Measures for cleaning/collecting: Absorb with liquid-binding material (diatomite, acid binders, universal binders).
Additional information: No dangerous materials are released.

7. Handling and storage

Handling
Safe handling: No special measures required.
Protection against explosions and fires: No special measures required.
Storage
Storerooms and containers: No special requirements.
Storage in one common storage facility: Not required.
Further storage conditions: Protect from direct sunlight, store at 15-35 °C

8. Exposure controls and personal protection

Components with limit values at the workplace: Not required.
Additional information: The lists that were valid during the compilation were used as basis.
General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals.
Personal protective equipment:
Breathing equipment: Not necessary, if room is well-ventilated.
Hand protection: Protective gloves
Eye protection: Safety glasses recommended during refilling.
Skin protection: Lab coat.
Hygiene measures: Wash hands before and after use.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

9. Physical and chemical properties

General Information

Form:	<i>Fluid</i>
Colour:	<i>Colourless</i>
Odour:	<i>Odourless</i>
Change in condition	
Melting point/Melting range:	<i>Not determined</i>
Boiling point/Boiling range:	<i>100°C</i>
Flash point:	<i>Not applicable</i>
Self-inflammability:	<i>Product is not self igniting</i>
Danger of explosion:	<i>Product is not explosive.</i>
Vapour pressure at 20°C:	<i>23 hPa</i>
Density at 20°C	<i>1.01 g/cm³</i>
Solubility in / Miscibility with Water:	<i>Fully miscible</i>
pH-value at 20°C:	<i>~7,0</i>
Viscosity:	<i>1 mPas (dynamic at 20°C)</i>

10. Stability and reactivity

Thermal decomposition / conditions to be avoided:	<i>No decomposition if used according to specifications.</i>
Dangerous reactions	<i>No dangerous reactions known.</i>
Dangerous products of decomposition:	<i>No dangerous decomposition products known.</i>

11. Toxicological information

Potential acute health effects:

Inhalation: *No data available.*

Ingestion: *No data available.*

Skin contact: *No data available.*

Eye contact: *No data available.*

Akute toxicity: *No data available.*

Potential chronic health effects: *No data available.*

Material Safety Data Sheet

According to 1907/2006EC, Article 31

12. Ecological information

General notes: No data available.
Mobility: No data available.
Degradability: No data available.
Bio accumulative potential: No data available.
Ecotoxicology: No data available.
Other hazardous effects: No data available.

13. Disposal considerations

Product:
General recommendation: The product must be disposed of as a laboratory chemical according to local regulations.
Contaminated packaging:
Recommendation: Incineration. There are no uniform EC-regulations for the disposal of packaging as waste

14. Transport information

International transport regulations:

Regulatory information	UN number	Proper shipping name	Classes	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-	-	-
ADNR Class	Not regulated.	-	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-	-
IATA Class	Not regulated..	-	-	-	-	-

15. Regulatory information

Labeling according to directive 67/548/EGK.

Other regulations: 2000./XXV., 2004./XXVI law of chemical safety and mandatory regulation 44/2000. (XII. 27.) EüM., 33/2004. ESZCSM regulation of dangerous materials and preparations, procedure rules 2000./ XLIII. law of waste management 98/2001. (VI. 15.) government regulation, 16/2001. (VII. 18.) KöM regulation.



Material Safety Data Sheet

According to 1907/2006EC, Article 31

16. *Other information:*

Diagon LTD provides the information in this data sheet in good faith, declaring it is up-to-date at time of revision. However this document is intended only as a guide for professional use, according to the intended purposes of the product. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.



Material Safety Data Sheet

According to 1907/2006EC, Article 31

1. Identification of substance:

Product Name: *DIASTROMLYSER-SYS-4DL*
Cat. No.: *h 23601*
Application of the substance / the preparation: *Laboratory reagent For In Vitro Diagnostic Use*

Manufacturer/Supplier: *Diagon Ltd.*
Baross u. 52 *Tel.: +36-1-3696500*
H-1047 Budapest *Fax: +36-1-3696301*
Hungary *www.diagon.com*

Informing service: *Diagon customer service* *helpdesk@diagon.com*
Emergency information: *Health Toxicological Information Service (HTIS)*
during office hours *Tel.: +36-1-4766464*

2. Hazards identification

Hazard designation: *Void*
Information pertaining to particular dangers for man and environment:
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Classification system: *The classification is conform to current EC-directives*

3. Composition/Data on components:

Dangerous components according to EC-criteria:
Not present above the corresponding concentration limits.

4. First aid measures

General information: *No special measures required.*
Inhalation: *Supply fresh air; consult doctor in case of symptoms.*
Skin contact: *Wash skin with water.*
Eye contact: *Immediately rinse opened eye for several minutes under running water.*
Ingestion: *In case of persistent symptoms consult doctor.*

Material Safety Data Sheet

According to 1907/2006EC, Article 31

5. Fire fighting measures

Suitable extinguishing agents: CO₂, extinguishing powder or water jet.
Protective equipment: No special measures required.
Specific risks: Non determined
Additional recommendations: None

6. Accidental release measures:

Person-related safety precautions: Wear lab coat, protective gloves and safety goggles.
Measures for environmental protection: Dilute with much water.
Measures for cleaning/collecting: Absorb with liquid-binding material (diatomite, acid binders, universal binders).
Additional information: No dangerous materials are released.

7. Handling and storage

Handling
Safe handling: No special measures required.
Protection against explosions and fires: No special measures required.
Storage
Storerooms and containers: No special requirements.
Storage in one common storage facility: Not required.
Further storage conditions: Protect from direct sunlight, store at 15-35 °C

8. Exposure controls and personal protection

Components with limit values at the workplace: Not required.
Additional information: The lists that were valid during the compilation were used as basis.
General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals.
Personal protective equipment:
Breathing equipment: Not necessary, if room is well-ventilated.
Hand protection: Protective gloves
Eye protection: Safety glasses recommended during refilling.
Skin protection: Lab coat.
Hygiene measures: Wash hands before and after use.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

9. Physical and chemical properties

General Information

Form:	<i>Fluid</i>
Colour:	<i>Colourless</i>
Odour:	<i>Odourless</i>
Change in condition	
Melting point/Melting range:	<i>Not determined</i>
Boiling point/Boiling range:	<i>100°C</i>
Flash point:	<i>Not applicable</i>
Self-inflammability:	<i>Product is not self igniting</i>
Danger of explosion:	<i>Product is not explosive.</i>
Vapour pressure at 20°C:	<i>23 hPa</i>
Density at 20°C	<i>1.01 g/cm³</i>
Solubility in / Miscibility with Water:	<i>Fully miscible</i>
pH-value at 20°C:	<i>~7,0</i>
Viscosity:	<i>1 mPas (dynamic at 20°C)</i>

10. Stability and reactivity

Thermal decomposition / conditions to be avoided:	<i>No decomposition if used according to specifications.</i>
Dangerous reactions	<i>No dangerous reactions known.</i>
Dangerous products of decomposition:	<i>No dangerous decomposition products known.</i>

11. Toxicological information

Potential acute health effects:

Inhalation: *No data available.*

Ingestion: *No data available.*

Skin contact: *No data available.*

Eye contact: *No data available.*

Akute toxicity: *No data available.*

Potential chronic health effects: *No data available.*

Material Safety Data Sheet

According to 1907/2006EC, Article 31

12. Ecological information

General notes: No data available.
Mobility: No data available.
Degradability: No data available.
Bio accumulative potential: No data available.
Ecotoxicology: No data available.
Other hazardous effects: No data available.

13. Disposal considerations

Product:
General recommendation: The product must be disposed of as a laboratory chemical according to local regulations.
Contaminated packaging:
Recommendation: Incineration. There are no uniform EC-regulations for the disposal of packaging as waste

14. Transport information

International transport regulations:

Regulatory information	UN number	Proper shipping name	Classes	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-	-	-
ADNR Class	Not regulated.	-	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-	-
IATA Class	Not regulated..	-	-	-	-	-

15. Regulatory information

Labeling according to directive 67/548/EGK.

Other regulations: 2000./XXV., 2004./XXVI law of chemical safety and mandatory regulation 44/2000. (XII. 27.) EüM., 33/2004. ESZCSM regulation of dangerous materials and preparations, procedure rules 2000./ XLIII. law of waste management 98/2001. (VI. 15.) government regulation, 16/2001. (VII. 18.) KöM regulation.



Material Safety Data Sheet

According to 1907/2006EC, Article 31

16. *Other information:*

Diagon LTD provides the information in this data sheet in good faith, declaring it is up-to-date at time of revision. However this document is intended only as a guide for professional use, according to the intended purposes of the product. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

1. Identification of substance:

Product Name: *DIASTROMLYSER-SYS-4DS-DYE*
Cat. No.: *h 23602*
Application of the substance / the preparation: *Laboratory reagent For In Vitro Diagnostic Use*
Manufacturer/Supplier: *Diagon Ltd.*
Baross u. 52 Tel.: +36-1-3696500
H-1047 Budapest Fax: +36-1-3696301
Hungary www.diagon.com
Informing service: *Diagon customer service helpdesk@diagon.com*
Emergency information: *Health Toxicological Information Service (HTIS)*
during office hours Tel.: +36-1-4766464

2. Hazards identification










Xn, Harmful, R68/20/21/22

Safety advice concerning dangerous preparations:
S36-37-60

3. Composition/Data on components:

Dangerous components according to EC-criteria:

CAS: 107-21-1 EC: 203-473-3	Ethylene glycol	 Acute Tox. 4, H302  Xn, R22	>90,0%
CAS: 67-56-1 EC: 200-659-6	Methanol	   Flam. Liq. 2, Acute Tox. 3, Specific target organ toxicity - single exposure 1, H225, H301, H311, H331, H370  F,  T, R11 - R23/24/25 - R39/23/24/25	<10,0%

4. First aid measures

General information: *No special measures required.*
Inhalation: *Supply fresh air; consult doctor in case of symptoms.*
Skin contact: *Wash skin with water.*
Eye contact: *Immediately rinse opened eye for several minutes under running water. In case of persistent symptoms consult doctor.*
Ingestion: *Immediately make victim drink plenty of water. Call in doctor.*

Material Safety Data Sheet

According to 1907/2006EC, Article 31

5. Fire fighting measures

Suitable extinguishing agents: CO₂, extinguishing powder or water jet.
Protective equipment: No special measures required.
Specific risks: Combustible. Vapours heavier than air.
Additional recommendations: None

6. Accidental release measures:

Person-related safety precautions: Wear a lab coat, protective gloves and safety goggles. Avoid substance contact.
Measures for environmental protection: Do not allow product to reach sewage system or water bodies.
Measures for cleaning/collecting: Absorb with liquid-binding material (diatomite, universal binders, etc).
Dispose of contaminated material as waste according to official regulation.

7. Handling and storage

Handling:
Safe handling: Ensure good ventilation at the workplace.
Protection against explosions and fires: No special measures required.
Storage:
Storerooms and containers: No special requirements.
Storage in one common storage facility: No special requirements.
Further storage conditions: Protect from direct sunlight, store at 15-35 °C

8. Exposure controls and personal protection

Components with limit values at the workplace: Not required.
Additional information: The lists that were valid during the compilation were used as basis.
General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals.
Personal protective equipment:
Breathing equipment: Not necessary, if room is well-ventilated.
Hand protection: Protective gloves.
Eye protection: Safety glasses recommended during refilling.
Skin protection: Lab coat.
Hygiene measures: Wash hands before and after use.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

9. Physical and chemical properties

General Information:

Form:	Fluid
Colour:	Blue
Odour:	Almost odourless
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined
Flash point:	Not applicable
Self-inflammability:	Product is not self igniting
Danger of explosion:	Product is not explosive.
Vapour pressure at 20°C:	0,053 hPa
Density at 20°C	1.11 g/cm ³
Solubility in / miscibility with water:	Fully miscible
pH-value at 100 g/l H₂O 20°C:	~7,0
Viscosity:	21 mPas (dynamic at 20°C)

10. Stability and reactivity

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Dangerous reactions: Not available.

Dangerous products of decomposition: Not available.

11. Toxicological information

Potential acute health effects:

Inhalation: Harmful if inhaled.

Ingestion: Harmful if swallowed.

Skin contact: Harmful if absorbed through skin.

Eye contact: No data available.

Dangerous component	examination	species	result	exposed
Ethylene glycol	LD50Oral	Rat	4,700 mg/kg	-
	LD50Dermal	Rabbit	10,626 mg/kg	-
	Eye Irritation	Rabbit	Mild Eye Irritation	24h
Methanol	LD50Oral	Rat	5.628 mg/kg	-
	LD50Inhalation	Rat	64000 ppm	4h
	LD50Dermal	Rabbit	15,800 mg/kg	-
	Skin Irritation	Rabbit	Skin Irritation	24h
	Eye Irritation	Rabbit	Eye Irritation	24h

Potential chronic health effects: No data available.

Signs and Symptoms of Exposure: When ingested early symptoms mimic alcohol inebriation and are followed by nausea, vomiting, abdominal pain, weakness, muscle tenderness, respiratory failure, convulsions, cardiovascular collapse, pulmonary edema, hypocalcemic tetany, and severe metabolic acidosis. Without treatment, death may occur in 8 to 24 hours. Victims who survive the initial toxicity period usually develop renal failure along with brain and liver damage., Exposure to and/or consumption of alcohol may increase toxic effects.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

12. Ecological information

Ecotoxicity:	No data available.			
Dangerous component:	examination	species	result exposed	
Ethylene glycol:				
Toxicity to fish	LC50	Oncorhynchus mykiss	18,500 mg/l	96 h
	LC50	Leuciscus idus	10,000 mg/l	48 h
	NOEC	Pimephales promelas	32,000 mg/l	7 d
	NOEC	Pimephales promelas	39,140 mg/l	96 h
Toxicity aquatic invertebrates	EC50	Daphnia magna	74,000 mg/l	24 h
	NOEC	Daphnia	24,000 mg/l	48 h
	LC50	Daphnia magna	41,000 mg/l	48 h
Persistence and degradability:	No data available.			
Bioaccumulative potential:	No data available.			
Mobility in soil:	No data available.			
Degradability:	No data available..			
Other adverse effects:	No data available.			

13. Disposal considerations

Product: Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging: Dispose of as unused product.

14. Transport information

International transport regulations:

Regulatory information	UN number	Proper shipping name	Classes	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-	-	-
ADNR Class	Not regulated.	-	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-	-
IATA Class	Not regulated.	-	-	-	-	-

Material Safety Data Sheet

According to 1907/2006EC, Article 31

15. Regulatory information

Labeling according to directive 67/548/EGK.

Other regulations: 2000./XXV., 2004./XXVI law of chemical safety and mandatory regulation 44/2000. (XII. 27.) EüM., 33/2004. ESZCSM regulation of dangerous materials and preparations, procedure rules 2000./ XLIII. law of waste management 98/2001. (VI. 15.) government regulation, 16/2001. (VII. 18.) KöM regulation.

16. Other information:

Symbols:



Xn, Harmful, R68/20/21/22

Risk phrases:

R68/20/21/22 Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed!

Safety phrases:

S36 Wear suitable protective clothing!

S37 Wear suitable gloves!

S60 This material and its container must be disposed of as hazardous waste!

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Material Safety Data Sheet

According to 1907/2006EC, Article 31

1. Identification of substance:

Product Name: *DIARETIC-II-SYS-BUFFER*
Cat. No.: *h23606*
Application of the substance / the preparation: *Laboratory reagent For In Vitro Diagnostic Use*

Manufacturer/Supplier: *Diagon Ltd.*
Baross u. 52 *Tel.: +36-1-3696500*
H-1047 Budapest *Fax: +36-1-3696301*
Hungary *www.diagon.com*

Informing service: *Diagon customer service* *helpdesk@diagon.com*
Emergency information: *Health Toxicological Information Service (HTIS)*
during office hours *Tel.: +36-1-4766464*

2. Hazards identification

Hazard designation: *Void*
Information pertaining to particular dangers for man and environment:
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Classification system: *The classification is conform to current EC-directives*

3. Composition/Data on components:

Dangerous components according to EC-criteria:
Not present above the corresponding concentration limits.

4. First aid measures

General information: *No special measures required.*
Inhalation: *Supply fresh air; consult doctor in case of symptoms.*
Skin contact: *Wash skin with water.*
Eye contact: *Immediately rinse opened eye for several minutes under running water.*
Ingestion: *In case of persistent symptoms consult doctor.*

Material Safety Data Sheet

According to 1907/2006EC, Article 31

5. Fire fighting measures

Suitable extinguishing agents: CO₂, extinguishing powder or water jet.
Protective equipment: No special measures required.
Specific risks: Non determined
Additional recommendations: None

6. Accidental release measures:

Person-related safety precautions: Wear lab coat, protective gloves and safety goggles.
Measures for environmental protection: Dilute with much water.
Measures for cleaning/collecting: Absorb with liquid-binding material (diatomite, acid binders, universal binders).
Additional information: No dangerous materials are released.

7. Handling and storage

Handling
Safe handling: No special measures required.
Protection against explosions and fires: No special measures required.
Storage
Storerooms and containers: No special requirements.
Storage in one common storage facility: Not required.
Further storage conditions: Protect from direct sunlight, store at 15-35 °C

8. Exposure controls and personal protection

Components with limit values at the workplace: Not required.
Additional information: The lists that were valid during the compilation were used as basis.
General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals.
Personal protective equipment:
Breathing equipment: Not necessary, if room is well-ventilated.
Hand protection: Protective gloves
Eye protection: Safety glasses recommended during refilling.
Skin protection: Lab coat.
Hygiene measures: Wash hands before and after use.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

9. Physical and chemical properties

General Information

Form:	<i>Fluid</i>
Colour:	<i>Colourless</i>
Odour:	<i>Odourless</i>
Change in condition	
Melting point/Melting range:	<i>Not determined</i>
Boiling point/Boiling range:	<i>100°C</i>
Flash point:	<i>Not applicable</i>
Self-inflammability:	<i>Product is not self-igniting</i>
Danger of explosion:	<i>Product is not explosive.</i>
Vapour pressure at 20°C:	<i>23 hPa</i>
Density at 20°C	<i>1.01 g/cm³</i>
Solubility in / Miscibility with Water:	<i>Fully miscible</i>
pH-value at 20°C:	<i>~7</i>
Viscosity:	<i>1 mPas (dynamic at 20°C)</i>

10. Stability and reactivity

Thermal decomposition / conditions to be avoided:	<i>No decomposition if used according to specifications.</i>
Dangerous reactions	<i>No dangerous reactions known.</i>
Dangerous products of decomposition:	<i>No dangerous decomposition products known.</i>

11. Toxicological information

Potential acute health effects:
Inhalation: <i>No data available.</i>
Ingestion: <i>No data available.</i>
Skin contact: <i>No data available.</i>
Eye contact: <i>No data available.</i>
Akute toxicity: <i>No data available.</i>
Potential chronic health effects: <i>No data available.</i>

Material Safety Data Sheet

According to 1907/2006EC, Article 31

12. Ecological information

General notes: No data available.
Mobility: No data available.
Degradability: No data available.
Bio accumulative potential: No data available.
Ecotoxicology: No data available.
Other hazardous effects: No data available.

13. Disposal considerations

Product:
General recommendation: The product must be disposed of as a laboratory chemical according to local regulations.
Contaminated packaging:
Recommendation: Incineration. There are no uniform EC-regulations for the disposal of packaging as waste

14. Transport information

International transport regulations:

Regulatory information	UN number	Proper shipping name	Classes	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-	-	-
ADNR Class	Not regulated.	-	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-	-
IATA Class	Not regulated..	-	-	-	-	-

15. Regulatory information

Labeling according to directive 67/548/EGK.

Other regulations: 2000./XXV., 2004./XXVI law of chemical safety and mandatory regulation 44/2000. (XII. 27.) EüM., 33/2004. ESZCSM regulation of dangerous materials and preparations, procedure rules 2000./ XLIII. law of waste management 98/2001. (VI. 15.) government regulation, 16/2001. (VII. 18.) KöM regulation.



Material Safety Data Sheet

According to 1907/2006EC, Article 31

16. Other information:

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Material Safety Data Sheet

According to 1907/2006EC, Article 31

1. Identification of substance:

Product Name: *DIARET-SEARCH-II-SYS-DYE*
Cat. No.: *h 23607*
Application of the substance / the preparation: *Laboratory reagent For In Vitro Diagnostic Use*
Manufacturer/Supplier: *Diagon Ltd.*
Baross u. 52 Tel.: +36-1-3696500
H-1047 Budapest Fax: +36-1-3696301
Hungary www.diagon.com
Informing service: *Diagon customer service helpdesk@diagon.com*
Emergency information: *Health Toxicological Information Service (HTIS)*
during office hours Tel.: +36-1-4766464

2. Hazards identification










Xn, Harmful, R68/20/21/22

Safety advice concerning dangerous preparations:
S36-37-60

3. Composition/Data on components:

Dangerous components according to EC-criteria:

CAS: 107-21-1 EC: 203-473-3	Ethylene glycol	 Acute Tox. 4, H302  Xn, R22	>90,0%
CAS: 67-56-1 EC: 200-659-6	Methanol	   Flam. Liq. 2, Acute Tox. 3, Specific target organ toxicity - single exposure 1, H225, H301, H311, H331, H370  F,  T, R11 - R23/24/25 - R39/23/24/25	<10,0%

4. First aid measures

General information: *No special measures required.*
Inhalation: *Supply fresh air; consult doctor in case of symptoms.*
Skin contact: *Wash skin with water.*
Eye contact: *Immediately rinse opened eye for several minutes under running water. In case of persistent symptoms consult doctor.*
Ingestion: *Immediately make victim drink plenty of water. Call in doctor.*

Material Safety Data Sheet

According to 1907/2006EC, Article 31

5. Fire fighting measures

Suitable extinguishing agents: CO₂, extinguishing powder or water jet.
Protective equipment: No special measures required.
Specific risks: Combustible. Vapours heavier than air.
Additional recommendations: None

6. Accidental release measures:

Person-related safety precautions: Wear a lab coat, protective gloves and safety goggles. Avoid substance contact.
Measures for environmental protection: Do not allow product to reach sewage system or water bodies.
Measures for cleaning/collecting: Absorb with liquid-binding material (diatomite, universal binders, etc).
Dispose of contaminated material as waste according to official regulation.

7. Handling and storage

Handling:
Safe handling: Ensure good ventilation at the workplace.
Protection against explosions and fires: No special measures required.
Storage:
Storerooms and containers: No special requirements.
Storage in one common storage facility: No special requirements.
Further storage conditions: Protect from direct sunlight, store at 15-35 °C

8. Exposure controls and personal protection

Components with limit values at the workplace: Not required.
Additional information: The lists that were valid during the compilation were used as basis.
General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals.
Personal protective equipment:
Breathing equipment: Not necessary, if room is well-ventilated.
Hand protection: Protective gloves.
Eye protection: Safety glasses recommended during refilling.
Skin protection: Lab coat.
Hygiene measures: Wash hands before and after use.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

9. Physical and chemical properties

General Information:

Form:	Fluid
Colour:	Blue
Odour:	Almost odourless
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined
Flash point:	Not applicable
Self-inflammability:	Product is not self igniting
Danger of explosion:	Product is not explosive.
Vapour pressure at 20°C:	0,053 hPa
Density at 20°C	1.11 g/cm ³
Solubility in / miscibility with water:	Fully miscible
pH-value at 100 g/l H₂O 20°C:	~7,0
Viscosity:	21 mPas (dynamic at 20°C)

10. Stability and reactivity

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Dangerous reactions: Not available.

Dangerous products of decomposition: Not available.

11. Toxicological information

Potential acute health effects:

Inhalation: Harmful if inhaled.

Ingestion: Harmful if swallowed.

Skin contact: Harmful if absorbed through skin.

Eye contact: No data available.

Dangerous component	examination	species	result	exposed
Ethylene glycol	LD50Oral	Rat	4,700 mg/kg	-
	LD50Dermal	Rabbit	10,626 mg/kg	-
	Eye Irritation	Rabbit	Mild Eye Irritation	24h
Methanol	LD50Oral	Rat	5.628 mg/kg	-
	LD50Inhalation	Rat	64000 ppm	4h
	LD50Dermal	Rabbit	15,800 mg/kg	-
	Skin Irritation	Rabbit	Skin Irritation	24h
	Eye Irritation	Rabbit	Eye Irritation	24h

Potential chronic health effects: No data available.

Signs and Symptoms of Exposure: When ingested early symptoms mimic alcohol inebriation and are followed by nausea, vomiting, abdominal pain, weakness, muscle tenderness, respiratory failure, convulsions, cardiovascular collapse, pulmonary edema, hypocalcemic tetany, and severe metabolic acidosis. Without treatment, death may occur in 8 to 24 hours. Victims who survive the initial toxicity period usually develop renal failure along with brain and liver damage., Exposure to and/or consumption of alcohol may increase toxic effects.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

12. Ecological information

Ecotoxicity:	No data available.			
Dangerous component:	examination	species	result exposed	
Ethylene glycol:				
Toxicity to fish	LC50	Oncorhynchus mykiss	18,500 mg/l	96 h
	LC50	Leuciscus idus	10,000 mg/l	48 h
	NOEC	Pimephales promelas	32,000 mg/l	7 d
	NOEC	Pimephales promelas	39,140 mg/l	96 h
Toxicity aquatic invertebrates	EC50	Daphnia magna	74,000 mg/l	24 h
	NOEC	Daphnia	24,000 mg/l	48 h
	LC50	Daphnia magna	41,000 mg/l	48 h
Persistence and degradability:	No data available.			
Bioaccumulative potential:	No data available.			
Mobility in soil:	No data available.			
Degradability:	No data available..			
Other adverse effects:	No data available.			

13. Disposal considerations

Product: Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging: Dispose of as unused product.

14. Transport information

International transport regulations:

Regulatory information	UN number	Proper shipping name	Classes	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-	-	-
ADNR Class	Not regulated.	-	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-	-
IATA Class	Not regulated.	-	-	-	-	-

Material Safety Data Sheet

According to 1907/2006EC, Article 31

15. Regulatory information

Labeling according to directive 67/548/EGK.

Other regulations: 2000./XXV., 2004./XXVI law of chemical safety and mandatory regulation 44/2000. (XII. 27.) EüM., 33/2004. ESZCSM regulation of dangerous materials and preparations, procedure rules 2000./ XLIII. law of waste management 98/2001. (VI. 15.) government regulation, 16/2001. (VII. 18.) KöM regulation.

16. Other information:

Symbols:



Xn, Harmful, R68/20/21/22

Risk phrases:

R68/20/21/22 Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed!

Safety phrases:

S36 Wear suitable protective clothing!

S37 Wear suitable gloves!

S60 This material and its container must be disposed of as hazardous waste!

Diagon LTD provides the information in this data sheet in good faith, declaring it is up-to-date at time of revision. However this document is intended only as a guide for professional use, according to the intended purposes of the product. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

1. Identification of substance:

Product Name: *DIA BASO A120*
Cat. No.: *h 24301*
Application of the substance / the preparation: *Laboratory reagent For In Vitro Diagnostic Use*
Manufacturer/Supplier: *Diagon Ltd.*
Baross u. 52 Tel.: +36-1-3696500
H-1047 Budapest Fax: +36-1-3696301
Hungary www.diagon.com
Informing service: *Diagon customer service helpdesk@diagon.com*
Emergency information: *Health Toxicological Information Service (HTIS)*
during office hours Tel.: +36-1-4766464

2. Hazards identification

Hazard designation: *Void*
Information pertaining to particular dangers for man and environment:
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Classification system: *The classification is conform to current EC-directives*

3. Composition/Data on components:

Dangerous components according to EC-criteria:

CAS: 9002-92-0 EC: 500-002-6	<i>Brij[®] 35</i>	 Acute Tox. 4, Skin Irrit. 2, Serious Eye Dam. 1, H302, H315, H318  Xn, R22-38-41	<5,0%
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4. First aid measures

General information: *No special measures required.*
Inhalation: *Supply fresh air; consult doctor in case of symptoms.*
Skin contact: *Wash skin with water.*
Eye contact: *Immediately rinse opened eye for several minutes under running water.*
Ingestion: *In case of persistent symptoms consult doctor.*

Material Safety Data Sheet

According to 1907/2006EC, Article 31

5. Fire fighting measures

Suitable extinguishing agents: CO₂, extinguishing powder or water jet.
Protective equipment: No special measures required.
Specific risks: Non determined
Additional recommendations: None

6. Accidental release measures:

Person-related safety precautions: Wear lab coat, protective gloves and safety goggles.
Measures for environmental protection: Dilute with much water.
Measures for cleaning/collecting: Absorb with liquid-binding material (diatomite, acid binders, universal binders).
Additional information: No dangerous materials are released.

7. Handling and storage

Handling
Safe handling: No special measures required.
Protection against explosions and fires: No special measures required.
Storage
Storerooms and containers: No special requirements.
Storage in one common storage facility: Not required.
Further storage conditions: Protect from direct sunlight, store at 15-35 °C

8. Exposure controls and personal protection

Components with limit values at the workplace: Not required.
Additional information: The lists that were valid during the compilation were used as basis.
General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals.
Personal protective equipment:
Breathing equipment: Not necessary, if room is well-ventilated.
Hand protection: Protective gloves
Eye protection: Safety glasses recommended during refilling.
Skin protection: Lab coat.
Hygiene measures: Wash hands before and after use.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

9. Physical and chemical properties

General Information

Form:	<i>Fluid</i>
Colour:	<i>Colourless</i>
Odour:	<i>Odourless</i>
Change in condition	
Melting point/Melting range:	<i>Not determined</i>
Boiling point/Boiling range:	<i>100°C</i>
Flash point:	<i>Not applicable</i>
Self-inflammability:	<i>Product is not self igniting</i>
Danger of explosion:	<i>Product is not explosive.</i>
Vapour pressure at 20°C:	<i>23 hPa</i>
Density at 20°C	<i>1.01 g/cm³</i>
Solubility in / Miscibility with Water:	<i>Fully miscible</i>
pH-value at 20°C:	<i>~7,0</i>
Viscosity:	<i>1 mPas (dynamic at 20°C)</i>

10. Stability and reactivity

Thermal decomposition / conditions to be avoided:	<i>No decomposition if used according to specifications.</i>
Dangerous reactions	<i>No dangerous reactions known.</i>
Dangerous products of decomposition:	<i>No dangerous decomposition products known.</i>

11. Toxicological information

Potential acute health effects:

Inhalation: *No data available.*
Ingestion: *No data available.*
Skin contact: *No data available.*
Eye contact: *No data available.*
Toxicity: *No data available.*

Dangerous component	examination	species	result	exposed
<i>Brij®35 P</i>	<i>LD50Oral</i>	<i>Rat</i>	<i>1,000 mg/kg</i>	
	<i>Skin Irritation</i>	<i>Rabbit</i>	<i>Skin Irritation</i>	<i>24h</i>
	<i>Eye Irritation</i>	<i>Rabbit</i>	<i>Severe Eye Irritation</i>	<i>24h</i>

Potential chronic health effects: *No data available.*

Material Safety Data Sheet

According to 1907/2006EC, Article 31

12. Ecological information

Ecotoxicity: No data available
Persistence and degradability No data available
Bioaccumulative potential No data available
Mobility in soil: No data available
Degradability: No data available.
Other adverse effects: No data available

13. Disposal considerations

Product:
Recommendation: The product must be disposed of as a laboratory chemical according to local regulations.
Contaminated packaging:
Recommendation: Incineration. There are no uniform EC-regulations for the disposal of packaging as waste

14. Transport information

International transport regulations:

Regulatory information	UN number	Proper shipping name	Classes	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-	-	-
ADNR Class	Not regulated.	-	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-	-
IATA Class	Not regulated..	-	-	-	-	-

15. Regulatory information

Labeling according to directive 67/548/EGK.

Other regulations: 2000./XXV., 2004./XXVI law of chemical safety and mandatory regulation 44/2000. (XII. 27.) EüM., 33/2004. ESZCSM regulation of dangerous materials and preparations, procedure rules 2000./ XLIII. law of waste management 98/2001. (VI. 15.) government regulation, 16/2001. (VII. 18.) KöM regulation.



Material Safety Data Sheet

According to 1907/2006EC, Article 31

16. Other information:

Diagon LTD provides the information in this data sheet in good faith, declaring it is up-to-date at time of revision. However this document is intended only as a guide for professional use, according to the intended purposes of the product. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

1. Identification of substance:

Product Name: *DIA HGB A120*
Cat. No.: *h 24302*
Application of the substance / the preparation: *Laboratory reagent For In Vitro Diagnostic Use*
Manufacturer/Supplier: *Diagon Ltd.*
Baross u. 52 Tel.: +36-1-3696500
H-1047 Budapest Fax: +36-1-3696301
Hungary www.diagon.com
Informing service: *Diagon customer service helpdesk@diagon.com*
Emergency information: *Health Toxicological Information Service (HTIS)*
during office hours Tel.: +36-1-4766464

2. Hazards identification



T; Reproductive toxicity (category 1 & 2), R60-61, R20/21/22, R32












Xi; Irritative, R36/38

Safety advice concerning dangerous preparations:
S36-37-45-53-60

3. Composition/Data on components:

Dangerous components according to EC-criteria:

CAS: 1643-20-5 EC: 216-700-6	<i>N,N</i> -Dimethyl-dodecylamine N-oxide	 Skin Corrosion 1B, H314  C, R34	<5,0%
CAS: 1303-96-4 EC: 215-540-4	<i>Sodium tetraborate decahydrate</i>	 Repr. Tox. 1B, H360  T, Repr. Tox. Cat.2, R60-61	<5,0%
CAS: 1310-73-2 EC: 215-185-5	<i>Sodium hydroxide</i>	 Skin Corrosion 1A, H314  C; R35	<0,5%
CAS: 151-50-8 EC: 205-792-3	<i>Potassium cyanide</i>	 Acute Tox. 1, Skin Corr. 1A, Acute Aquatic Tox. 1, H300, H310, H314, H330, H400, EUH032  T+,  N, R26/27/28 - R32 - R50/53	<0,25%

Material Safety Data Sheet

According to 1907/2006EC, Article 31

4. First aid measures

General information: Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Inhalation: Supply fresh air; consult doctor in case of symptoms.

Skin contact: Wash skin with water.

Eye contact: Immediately rinse opened eye for several minutes under running water. In case of persistent symptoms consult doctor.

Ingestion: Rinse out mouth and throat with water. In case of persistent symptoms consult doctor.

5. Fire fighting measures

Suitable extinguishing agents: CO₂, extinguishing powder or water jet.

Protective equipment: Breathing apparatus.

Specific risks: Non determined.

Additional recommendations: None

6. Accidental release measures:

Person-related safety precautions: Wear a lab coat, protective gloves and safety goggles.

Measures for environmental protection: Do not allow product to reach sewage system or water bodies.

Measures for cleaning/collecting: Neutralize with sodium hypochlorite solution. After neutralisation absorb with liquid-binding material (diatomite, universal binders, etc). Dispose of contaminated material as waste according to official regulation.

7. Handling and storage

Handling:

Safe handling: Ensure good ventilation at the workplace.

Protection against explosions and fires: No special measures required.

Storage:

Storerooms and containers: No special requirements.

Storage in one common storage facility: Do not store with acids or in aqueous acid environments as extremely toxic cyanide acid fumes may be formed.

Further storage conditions: Protect from direct sunlight, store at 15-35 °C

Material Safety Data Sheet

According to 1907/2006EC, Article 31

8. Exposure controls and personal protection

Components with limit values at the workplace: Not required.
Additional information: The lists that were valid during the compilation were used as basis.
General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals.
Personal protective equipment:
Breathing equipment: Not necessary, if room is well-ventilated.
Hand protection: Protective gloves.
Eye protection: Safety glasses recommended during refilling.
Skin protection: Lab coat.
Hygiene measures: Wash hands before and after use.

9. Physical and chemical properties

General Information:
Form: Fluid
Colour: Colourless
Odour: Detergent and cyanide
Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined
Flash point: Not applicable
Self-inflammability: Product is not self igniting
Danger of explosion: Product is not explosive.
Vapour pressure at 20°C: 23 hPa
Density at 20°C 1.01 g/cm³
Solubility in / miscibility with water: Fully miscible
pH-value at 20°C: ~12
Viscosity: 1 mPas (dynamic at 20°C)

10. Stability and reactivity

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
Dangerous reactions: Cyanide acid gas formed upon contact with acids.
Dangerous products of decomposition: Cyanide acid gas formed upon contact with acids

Material Safety Data Sheet

According to 1907/2006EC, Article 31

11. Toxicological information

Potential acute health effects:

Inhalation: Harmful by inhalation.

Ingestion: Harmful if swallowed.

Skin contact: Harmful by skin contact.

Eye contact: Harmful by eye contact.

Acute toxicity:

<i>Ingredient name</i>	<i>Examination</i>	<i>Species</i>	<i>Result</i>	<i>Exposure</i>
N,N-Dimethyl-dodecylamine N-oxide	LD50 Oral	mouse	2,700 mg/kg	
	Skin irritation	rabbit	Severe skin irritation	
	Eye irritation	rabbit	Severe eye irritation	
Sodium tetraborate decahydrate	fetotoxicity	Presumed human reproductive toxicant		
	LD50 Oral	rat	4,500 mg/kg	
	LD50 Dermal	rabbit	10,000 mg/kg	
Sodium hydroxide	Skin irritation	rabbit	Serious skin irritation	24 h
	Eye irritation	rabbit	Serious eye irritation	24 h
Potassium cyanide	LD50	Rat	5 mg/kg	
	LDLo	Human	2,86 mg/kg	

Potential chronic health effects:

Reproduction toxicity: Harmful for the unborn child.

12. Ecological information

<i>General notes:</i>	No data available.
<i>Mobility:</i>	No data available.
<i>Degradability:</i>	No data available.
<i>Bio accumulative potential:</i>	No data available.
<i>Ecotoxicology:</i>	No data available.
<i>Other hazardous effects:</i>	No data available.

13. Disposal considerations

Product:

Recommendation: The product must be disposed of as a laboratory chemical according to local regulations. Do not allow product to reach ground water or sewage system.

Contaminated packaging:

Recommendation: The contaminated packing must be disposed according to local regulations.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

14. Transport information

International transport regulations:

Regulatory information	UN number	Proper shipping name	Classes	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-	-	-
ADNR Class	Not regulated.	-	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-	-
IATA Class	Not regulated..	-	-	-	-	-

15. Regulatory information

Labeling according to directive 67/548/EGK.

Other regulations: 2000./XXV., 2004./XXVI law of chemical safety and mandatory regulation 44/2000. (XII. 27.) EüM., 33/2004. ESZCSM regulation of dangerous materials and preparations, procedure rules 2000./ XLIII. law of waste management 98/2001. (VI. 15.) government regulation, 16/2001. (VII. 18.) KöM regulation.

16. Other information:

Symbols:



T; Reproductive toxicity (category 1 & 2), R60-61, R20/21/22, R32



Xi; Irritative, R36/38

Risk phrases:

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
 R32 Contact with acids liberates very toxic gas.
 R60 May impair fertility.
 R61 May cause harm to the unborn child.
 R36/38 Irritating to eyes and skin.

Safety phrases:

S36 Wear suitable protective clothing!
 S37 Wear suitable gloves!
 S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)!
 S53 Avoid exposure - obtain special instructions before use!
 S60 This material and its container must be disposed of as hazardous waste!



Material Safety Data Sheet

According to 1907/2006EC, Article 31

16. Other information:

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Material Safety Data Sheet

According to 1907/2006EC, Article 31

1. Identification of substance:

Product Name: *DIA RBC/PLT A120*
Cat. No.: *h 24303*
Application of the substance / the preparation: *Laboratory reagent For In Vitro Diagnostic Use*

Manufacturer/Supplier: *Diagon Ltd.*
Baross u. 52 *Tel.: +36-1-3696500*
H-1047 Budapest *Fax: +36-1-3696301*
Hungary *www.diagon.com*

Informing service: *Diagon customer service* *helpdesk@diagon.com*
Emergency information: *Health Toxicological Information Service (HTIS)*
during office hours *Tel.: +36-1-4766464*

2. Hazards identification

Hazard designation: *Void*
Information pertaining to particular dangers for man and environment:
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Classification system: *The classification is conform to current EC-directives*

3. Composition/Data on components:

Dangerous components according to EC-criteria:
Not present above the corresponding concentration limits.

4. First aid measures

General information: *No special measures required.*
Inhalation: *Supply fresh air; consult doctor in case of symptoms.*
Skin contact: *Wash skin with water.*
Eye contact: *Immediately rinse opened eye for several minutes under running water.*
Ingestion: *In case of persistent symptoms consult doctor.*



Material Safety Data Sheet

According to 1907/2006EC, Article 31

5. Fire fighting measures

Suitable extinguishing agents: CO₂, extinguishing powder or water jet.
Protective equipment: No special measures required.
Specific risks: Non determined
Additional recommendations: None

6. Accidental release measures:

Person-related safety precautions: Wear lab coat, protective gloves and safety goggles.
Measures for environmental protection: Dilute with much water.
Measures for cleaning/collecting: Absorb with liquid-binding material (diatomite, acid binders, universal binders).
Additional information: No dangerous materials are released.

7. Handling and storage

Handling
Safe handling: No special measures required.
Protection against explosions and fires: No special measures required.
Storage
Storerooms and containers: No special requirements.
Storage in one common storage facility: Not required.
Further storage conditions: Protect from direct sunlight, store at 15-35 °C

8. Exposure controls and personal protection

Components with limit values at the workplace: Not required.
Additional information: The lists that were valid during the compilation were used as basis.
General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals.
Personal protective equipment:
Breathing equipment: Not necessary, if room is well-ventilated.
Hand protection: Protective gloves
Eye protection: Safety glasses recommended during refilling.
Skin protection: Lab coat.
Hygiene measures: Wash hands before and after use.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

9. Physical and chemical properties

General Information

Form:	<i>Fluid</i>
Colour:	<i>Colourless</i>
Odour:	<i>Odourless</i>
Change in condition	
Melting point/Melting range:	<i>Not determined</i>
Boiling point/Boiling range:	<i>100°C</i>
Flash point:	<i>Not applicable</i>
Self-inflammability:	<i>Product is not self-igniting</i>
Danger of explosion:	<i>Product is not explosive.</i>
Vapour pressure at 20°C:	<i>23 hPa</i>
Density at 20°C	<i>1.01 g/cm³</i>
Solubility in / Miscibility with Water:	<i>Fully miscible</i>
pH-value at 20°C:	<i>~7</i>
Viscosity:	<i>1 mPas (dynamic at 20°C)</i>

10. Stability and reactivity

Thermal decomposition / conditions to be avoided:	<i>No decomposition if used according to specifications.</i>
Dangerous reactions	<i>No dangerous reactions known.</i>
Dangerous products of decomposition:	<i>No dangerous decomposition products known.</i>

11. Toxicological information

Potential acute health effects:
Inhalation: <i>No data available.</i>
Ingestion: <i>No data available.</i>
Skin contact: <i>No data available.</i>
Eye contact: <i>No data available.</i>
Akute toxicity: <i>No data available.</i>
Potential chronic health effects: <i>No data available.</i>

Material Safety Data Sheet

According to 1907/2006EC, Article 31

12. Ecological information

General notes: No data available.
Mobility: No data available.
Degradability: No data available.
Bio accumulative potential: No data available.
Ecotoxicology: No data available.
Other hazardous effects: No data available.

13. Disposal considerations

Product:
General recommendation: The product must be disposed of as a laboratory chemical according to local regulations.
Contaminated packaging:
Recommendation: Incineration. There are no uniform EC-regulations for the disposal of packaging as waste

14. Transport information

International transport regulations:

Regulatory information	UN number	Proper shipping name	Classes	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-	-	-
ADNR Class	Not regulated.	-	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-	-
IATA Class	Not regulated..	-	-	-	-	-

15. Regulatory information

Labeling according to directive 67/548/EGK.

Other regulations: 2000./XXV., 2004./XXVI law of chemical safety and mandatory regulation 44/2000. (XII. 27.) EüM., 33/2004. ESZCSM regulation of dangerous materials and preparations, procedure rules 2000./ XLIII. law of waste management 98/2001. (VI. 15.) government regulation, 16/2001. (VII. 18.) KöM regulation.



Material Safety Data Sheet

According to 1907/2006EC, Article 31

16. *Other information:*

Diagon LTD provides the information in this data sheet in good faith, declaring it is up-to-date at time of revision. However this document is intended only as a guide for professional use, according to the intended purposes of the product. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

1. Identification of substance:

Product Name: *DIAPEROX-1 A120*
Cat. No.: *h 24311*
Application of the substance / the preparation: *Laboratory reagent For In Vitro Diagnostic Use*
Manufacturer/Supplier: *Diagon Ltd.*
Baross u. 52 Tel.: +36-1-3696500
H-1047 Budapest Fax: +36-1-3696301
Hungary www.diagon.com
Informing service: *Diagon customer service helpdesk@diagon.com*
Emergency information: *Health Toxicological Information Service (HTIS)*
during office hours Tel.: +36-1-4766464

2. Hazards identification



Xn; Harmful, R20/21/22





Xi; Irritative, R36/37/38, R43,

Carcinogene cat 3., R40

Safety advice concerning dangerous preparations:
 S36-37-60

3. Composition/Data on components:

Dangerous components according to EC-criteria:

CAS: 50-00-0 EC: 200-001-8	Formaldehyde	 Carc. 2, Acut Tox. 3, Skin Corr. 1B, Resp. Sens. 1, H301, H311, H314, H317, H331, H351  T; Carc .3, R23/24/25 - R34 - R40 - R43	<25,0%
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4. First aid measures

General information: *No special measures required.*
Inhalation: *Supply fresh air. If not breathing, give artificial respiration*
If breathing is difficult, give oxygen. Consult doctor in case of symptoms.
Skin contact: *Wash skin with water and soap.*
Eye contact: *Immediately rinse opened eye for several minutes under running water. Transport to hospital for further medical attention.*
Ingestion: *In case of persistent symptoms consult doctor.*

Material Safety Data Sheet

According to 1907/2006EC, Article 31

5. Fire fighting measures

Suitable extinguishing agents: CO₂, extinguishing powder or water jet.
Protective equipment: Do not stay in dangerous zone without suitable chemical protective clothing and breathing apparatus.
Specific risks: Non combustible. Ambient fire may liberate hazardous vapours.
Additional recommendations: None

6. Accidental release measures:

Person-related safety precautions: Wear lab coat, protective gloves and safety goggles.
Measures for environmental protection: Do not allow to enter sewerage system.
Measures for cleaning/collecting: Absorb with liquid-binding material (diatomite, acid binders, universal binders).
Additional information: None.

7. Handling and storage

Handling
Safe handling: Ensure good ventilation at the workplace.
Protection against explosions and fires: No special measures required.
Storage
Storerooms and containers: No special requirements.
Storage in one common storage facility: No special requirements.
Further storage conditions: Protect from direct sunlight, store at 15-35 °C.

8. Exposure controls and personal protection

Components with limit values at the workplace: Not required.
Additional information: The lists that were valid during the compilation were used as basis.
General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals.
Personal protective equipment:
Breathing equipment: Required when vapours generated.
Hand protection: Protective gloves
Eye protection: Safety glasses recommended during refilling.
Skin protection: Lab coat.
Hygiene measures: Wash hands before and after use.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

9. Physical and chemical properties

General Information

Form:	Fluid
Colour:	Colourless
Odour:	Characteristic
Change in condition	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	~100°C
Flash point:	Not applicable
Self-inflammability:	Product is not self-igniting
Danger of explosion:	Product is not explosive.
Vapour pressure at 20°C:	23 hPa
Density at 20°C	1.017 g/cm ³
Solubility in / Miscibility with Water:	Fully miscible
pH-value at 20°C:	~7
Viscosity:	1 mPas (dynamic at 20°C)

10. Stability and reactivity

Thermal decomposition / conditions to be avoided:	Heating. No decomposition if used according to specifications.
Dangerous reactions	No dangerous reactions known.
Dangerous products of decomposition:	Thermal decomposition may yield oxides of carbon and formaldehyde gas.

11. Toxicological information

Potential acute health effects:

Inhalation: No data available.
Ingestion: No data available.
Skin contact: No data available.
Eye contact: No data available.
Acute toxicity:

Dangerous component:	examination	species	result	exposed
Formaldehyde	LD50 Skin	Rabbit	270 mg/kg	
	LD50 Intraval	Rat	87 mg/kg	
	LD50 Oral	Rat	100 mg/kg	
	LD50 Subcutane	Rat	420 mg/kg	
	TDLo Subcutane	Rat	1 mg/kg	
	TDLo Parenteral	Rat	10 mg/kg	
	LC50 Inhalation	Rat	578 mg/m ³	2h
	LC50 Inhalation	Rat	815 ppm	0,5h
	LC50 Inhalation	Rat	250 ppm	4h
	LD50 Subcutane	Mouse	300 mg/kg	
	LC50 Inhalation	Mouse	454 mg/m ³	4h

Material Safety Data Sheet

According to 1907/2006EC, Article 31

11. Toxicological information

Sensitization: No sensitizing effect known.

Signs and Symptoms of Exposure: Confusion., Dizziness, Kidney injury may occur., Unconsciousness, Convulsions, Pulmonary edema. Effects may be delayed., Nausea, Headache, Vomiting

Toxic effect on: Kidneys, liver, central nerve system

Potential chronic health effects:

Reproduction toxicity: No data available.

12. Ecological information

Ecotoxicity: No data available

Persistence and degradability No data available

Bioaccumulative potential No data available

Mobility in soil: No data available

Degradability: No data available.

Other adverse effects: No data available

13. Disposal considerations

Product:

Recommendation: The product must be disposed of as a laboratory chemical according to local regulations.

Contaminated packaging:

Recommendation: Incineration. There are no uniform EC-regulations for the disposal of packaging as waste

14. Transport information

International transport regulations:

Regulatory information	UN number	Proper shipping name	Classes	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-	-	-
ADNR Class	Not regulated.	-	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-	-
IATA Class	Not regulated..	-	-	-	-	-

Material Safety Data Sheet

According to 1907/2006EC, Article 31

15. Regulatory information

Labeling according to directive 67/548/EGK.

Other regulations: 2000./XXV., 2004./XXVI law of chemical safety and mandatory regulation 44/2000. (XII. 27.) EüM., 33/2004. ESZCSM regulation of dangerous materials and preparations, procedure rules 2000./ XLIII. law of waste management 98/2001. (VI. 15.) government regulation, 16/2001. (VII. 18.) KöM regulation.

16. Other information:

Symbols:  Xn; Harmful, R20/21/22  Xi; Irritative, R36/37/38, R43, Carcinogene category 3, R40

Risk phrases: R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R36/37/38 Irritating to eyes, respiratory system and skin.
R43 May cause sensitisation by skin contact.
R40 Limited evidence of a carcinogenic effect.

Safety phrases: S36 Wear suitable protective clothing!
S37 Wear suitable gloves!
S60 This material and its container must be disposed of as hazardous waste

Diagon LTD provides the information in this data sheet in good faith, declaring it is up-to-date at time of revision. However this document is intended only as a guide for professional use, according to the intended purposes of the product. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

1. Identification of substance:

Product Name: *DIA PEROX-2 A120*
Cat. No.: *h24312*
Application of the substance / the preparation: *Laboratory reagent For In Vitro Diagnostic Use*

Manufacturer/Supplier: *Diagon Ltd.*
Baross u. 52 *Tel.: +36-1-3696500*
H-1047 Budapest *Fax: +36-1-3696301*
Hungary *www.diagon.com*

Informing service: *Diagon customer service* *helpdesk@diagon.com*
Emergency information: *Health Toxicological Information Service (HTIS)*
during office hours *Tel.: +36-1-4766464*

2. Hazards identification





Xn; Harmful, R22

Safety advice concerning dangerous preparations:
S60

3. Composition/Data on components:

Dangerous components according to EC-criteria:

CAS szám: 111-46-6 EINECS szám: 203-872-2	Diethylene glycol	 H302  Xn ; R:22	>99,0%
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4. First aid measures

General information: *No special measures required.*
Inhalation: *Supply fresh air; consult doctor in case of symptoms.*
Skin contact: *Wash skin with water.*
Eye contact: *Immediately rinse opened eye for several minutes under running water.*
Ingestion: *Immediately make drink victim plenty of water. Call in doctor.*

Material Safety Data Sheet

According to 1907/2006EC, Article 31

5. Fire fighting measures

Suitable extinguishing agents: CO₂, extinguishing powder or water jet.
Protective equipment: Wear self-contained breathing apparatus and protective clothing
Specific risks: Combustible. Vapours heavier than air.
Additional recommendations: None

6. Accidental release measures:

Person-related safety precautions: Wear lab coat, protective gloves and safety goggles. Avoid substance contact.
Measures for environmental protection: Do not allow product to reach sewage system or water bodies.
Measures for cleaning/collecting: Absorb with liquid-binding material (diatomite, universal binders, etc).
Dispose of contaminated material as waste according to official regulation.

7. Handling and storage

Handling
Safe handling: Ensure good ventilation at the workplace.
Protection against explosions and fires: No special measures required.
Storage
Storerooms and containers: No special requirements.
Storage in one common storage facility: No special requirements.
Further storage conditions: Protect from direct sunlight, store at 15-35 °C.

8. Exposure controls and personal protection

Components with limit values at the workplace: Not required.
Additional information: The lists that were valid during the compilation were used as basis.
General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals.
Personal protective equipment:
Breathing equipment: Not necessary, if room is well-ventilated.
Hand protection: Protective gloves
Eye protection: Safety glasses recommended during refilling.
Skin protection: Lab coat.
Hygiene measures: Wash hands before and after use.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

9. Physical and chemical properties

General Information:

Form:	Fluid
Colour:	Yellow
Odour:	Almost odourless
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	245°C
Flash point(method):	113°C (TOC)
Self-inflammability:	Product is not self igniting
Danger of explosion:	Product is not explosive.
Vapour pressure at 20°C:	-0,03 hPa
Density at 20°C	1.12 g/cm ³
Solubility in / miscibility with water:	Fully miscible
pH-value at 100 g/l H₂O 20°C:	~6-8
Viscosity:	36,8 mPas (dynamic at 20°C)

10. Stability and reactivity

Thermal decomposition / conditions to be avoided:	Keep away from excessive heat and all sources of ignition.
Dangerous reactions	Incompatible with oxidizing agents.
Dangerous products of decomposition:	Thermal decomposition yields oxides of carbon.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

11. Toxicological information

Potential acute health effects:

Inhalation: No data available.

Ingestion: Harmful if swallowed.

Skin contact: No data available.

Eye contact: No data available.

Sensitization: No sensitizing effect known

Acute toxicity:

Diethylene glycol: *LD₅₀-Oral – Rat – 12.565 mg/kg*
LD₅₀-Skin – Rabbit – 11.890 mg/kg
Skin – Rabbit – Mild irritation
Eye – Rabbit – Mild irritation

Signs and Symptoms of Exposure: Confusion., Dizziness, Kidney injury may occur., Unconsciousness, Convulsions, Pulmonary edema. Effects may be delayed., Nausea, Headache, Vomiting

Toxic effect on: Kidneys, liver, central nerve system

Potential chronic health effects:

Reproduction toxicity: No data available.

12. Ecological information

Ecotoxicity: Diethylene glycol:

Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 75.200 mg/l - 96 h

LC50 - Carassius auratus (goldfish) - 5.000 mg/l - 24 h

Toxicity to daphnia and other aquatic invertebrates:

EC50 - Daphnia magna (Water flea) - > 10.000 mg/l - 24 h

Persistence and degradability No data available

Bioaccumulative potential No data available

Mobility in soil: No data available

Degradability: No data available.

Other adverse effects: No data available

13. Disposal considerations

Product:

Recommendation: The product must be disposed of as a laboratory chemical according to local regulations.

Contaminated packaging:

Recommendation: Incineration. There are no uniform EC-regulations for the disposal of packaging as waste

Material Safety Data Sheet

According to 1907/2006EC, Article 31

14. Transport information

International transport regulations:

Regulatory information	UN number	Proper shipping name	Classes	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-	-	-
ADNR Class	Not regulated.	-	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-	-
IATA Class	Not regulated..	-	-	-	-	-

15. Regulatory information

Labeling according to directive 67/548/EGK.

Other regulations: 2000./XXV., 2004./XXVI law of chemical safety and mandatory regulation 44/2000. (XII. 27.) EüM., 33/2004. ESZCSM regulation of dangerous materials and preparations, procedure rules 2000./ XLIII. law of waste management 98/2001. (VI. 15.) government regulation, 16/2001. (VII. 18.) KöM regulation.

16. Other information:

Symbols:



Xn; Harmful, R22

Risk phrases: R22 Harmful if swallowed

Safety phrases: S60 This material and its container must be disposed of as hazardous waste

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Material Safety Data Sheet

According to 1907/2006EC, Article 31

1. Identification of substance:

Product Name: *DIA PEROX-3 A120*
Cat. No.: *h 24313*
Application of the substance / the preparation: *Laboratory reagent For In Vitro Diagnostic Use*

Manufacturer/Supplier: *Diagon Ltd.*
Baross u. 52 *Tel.: +36-1-3696500*
H-1047 Budapest *Fax: +36-1-3696301*
Hungary *www.diagon.com*

Informing service: *Diagon customer service* *helpdesk@diagon.com*
Emergency information: *Health Toxicological Information Service (HTIS)*
during office hours *Tel.: +36-1-4766464*

2. Hazards identification

Hazard designation: *Void*
Information pertaining to particular dangers for man and environment:
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Classification system: *The classification is conform to current EC-directives*

3. Composition/Data on components:

Dangerous components according to EC-criteria:
Not present above the corresponding concentration limits.

4. First aid measures

General information: *No special measures required.*
Inhalation: *Supply fresh air; consult doctor in case of symptoms.*
Skin contact: *Wash skin with water.*
Eye contact: *Immediately rinse opened eye for several minutes under running water.*
Ingestion: *In case of persistent symptoms consult doctor.*



Material Safety Data Sheet

According to 1907/2006EC, Article 31

5. Fire fighting measures

Suitable extinguishing agents: CO₂, extinguishing powder or water jet.
Protective equipment: No special measures required.
Specific risks: Non determined
Additional recommendations: None

6. Accidental release measures:

Person-related safety precautions: Wear lab coat, protective gloves and safety goggles.
Measures for environmental protection: Dilute with much water.
Measures for cleaning/collecting: Absorb with liquid-binding material (diatomite, acid binders, universal binders).
Additional information: No dangerous materials are released.

7. Handling and storage

Handling
Safe handling: No special measures required.
Protection against explosions and fires: No special measures required.
Storage
Storerooms and containers: No special requirements.
Storage in one common storage facility: Not required.
Further storage conditions: Protect from direct sunlight, store at 15-35 °C

8. Exposure controls and personal protection

Components with limit values at the workplace: Not required.
Additional information: The lists that were valid during the compilation were used as basis.
General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals.
Personal protective equipment:
Breathing equipment: Not necessary, if room is well-ventilated.
Hand protection: Protective gloves
Eye protection: Safety glasses recommended during refilling.
Skin protection: Lab coat.
Hygiene measures: Wash hands before and after use.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

9. Physical and chemical properties

General Information

Form:	<i>Fluid</i>
Colour:	<i>Colourless</i>
Odour:	<i>Odourless</i>
Change in condition	
Melting point/Melting range:	<i>Not determined</i>
Boiling point/Boiling range:	<i>100°C</i>
Flash point:	<i>Not applicable</i>
Self-inflammability:	<i>Product is not self-igniting</i>
Danger of explosion:	<i>Product is not explosive.</i>
Vapour pressure at 20°C:	<i>23 hPa</i>
Density at 20°C	<i>1.01 g/cm³</i>
Solubility in / Miscibility with Water:	<i>Fully miscible</i>
pH-value at 20°C:	<i>~5</i>
Viscosity:	<i>1 mPas (dynamic at 20°C)</i>

10. Stability and reactivity

Thermal decomposition / conditions to be avoided:	<i>No decomposition if used according to specifications.</i>
Dangerous reactions	<i>No dangerous reactions known.</i>
Dangerous products of decomposition:	<i>No dangerous decomposition products known.</i>

11. Toxicological information

Potential acute health effects:
Inhalation: <i>No data available.</i>
Ingestion: <i>No data available.</i>
Skin contact: <i>No data available.</i>
Eye contact: <i>No data available.</i>
Akute toxicity: <i>No data available.</i>
Potential chronic health effects: <i>No data available.</i>

Material Safety Data Sheet

According to 1907/2006EC, Article 31

12. Ecological information

General notes: No data available.
Mobility: No data available.
Degradability: No data available.
Bio accumulative potential: No data available.
Ecotoxicology: No data available.
Other hazardous effects: No data available.

13. Disposal considerations

Product:
General recommendation: The product must be disposed of as a laboratory chemical according to local regulations.
Contaminated packaging:
Recommendation: Incineration. There are no uniform EC-regulations for the disposal of packaging as waste

14. Transport information

International transport regulations:

Regulatory information	UN number	Proper shipping name	Classes	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-	-	-
ADNR Class	Not regulated.	-	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-	-
IATA Class	Not regulated..	-	-	-	-	-

15. Regulatory information

Labeling according to directive 67/548/EGK.

Other regulations: 2000./XXV., 2004./XXVI law of chemical safety and mandatory regulation 44/2000. (XII. 27.) EüM., 33/2004. ESZCSM regulation of dangerous materials and preparations, procedure rules 2000./ XLIII. law of waste management 98/2001. (VI. 15.) government regulation, 16/2001. (VII. 18.) KöM regulation.



Material Safety Data Sheet

According to 1907/2006EC, Article 31

16. *Other information:*

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Material Safety Data Sheet

According to 1907/2006EC, Article 31

1. Identification of substance:

Product Name: *DIAPEROX SHEATH A120*
Cat. No.: *h 24314*
Application of the substance / the preparation: *Laboratory reagent For In Vitro Diagnostic Use*

Manufacturer/Supplier: *Diagon Ltd.*
Baross u. 52 *Tel.: +36-1-3696500*
H-1047 Budapest *Fax: +36-1-3696301*
Hungary *www.diagon.com*

Informing service: *Diagon customer service* *helpdesk@diagon.com*
Emergency information: *Health Toxicological Information Service (HTIS)*
during office hours *Tel.: +36-1-4766464*

2. Hazards identification

Hazard designation: *Void*
Information pertaining to particular dangers for man and environment:
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Classification system: *The classification is conform to current EC-directives*

3. Composition/Data on components:

Dangerous components according to EC-criteria:
Not present above the corresponding concentration limits.

4. First aid measures

General information: *No special measures required.*
Inhalation: *Supply fresh air; consult doctor in case of symptoms.*
Skin contact: *Wash skin with water.*
Eye contact: *Immediately rinse opened eye for several minutes under running water.*
Ingestion: *In case of persistent symptoms consult doctor.*

Material Safety Data Sheet

According to 1907/2006EC, Article 31

5. Fire fighting measures

Suitable extinguishing agents: CO₂, extinguishing powder or water jet.
Protective equipment: No special measures required.
Specific risks: Non determined
Additional recommendations: None

6. Accidental release measures:

Person-related safety precautions: Wear lab coat, protective gloves and safety goggles.
Measures for environmental protection: Dilute with much water.
Measures for cleaning/collecting: Absorb with liquid-binding material (diatomite, acid binders, universal binders).
Additional information: No dangerous materials are released.

7. Handling and storage

Handling
Safe handling: No special measures required.
Protection against explosions and fires: No special measures required.
Storage
Storerooms and containers: No special requirements.
Storage in one common storage facility: Not required.
Further storage conditions: Protect from direct sunlight, store at 15-35 °C

8. Exposure controls and personal protection

Components with limit values at the workplace: Not required.
Additional information: The lists that were valid during the compilation were used as basis.
General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals.
Personal protective equipment:
Breathing equipment: Not necessary, if room is well-ventilated.
Hand protection: Protective gloves
Eye protection: Safety glasses recommended during refilling.
Skin protection: Lab coat.
Hygiene measures: Wash hands before and after use.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

9. Physical and chemical properties

General Information

Form:	<i>Fluid</i>
Colour:	<i>Colourless</i>
Odour:	<i>Odourless</i>
Change in condition	
Melting point/Melting range:	<i>Not determined</i>
Boiling point/Boiling range:	<i>100°C</i>
Flash point:	<i>Not applicable</i>
Self-inflammability:	<i>Product is not self-igniting</i>
Danger of explosion:	<i>Product is not explosive.</i>
Vapour pressure at 20°C:	<i>23 hPa</i>
Density at 20°C	<i>1.01 g/cm³</i>
Solubility in / Miscibility with Water:	<i>Fully miscible</i>
pH-value at 20°C:	<i>~7</i>
Viscosity:	<i>1 mPas (dynamic at 20°C)</i>

10. Stability and reactivity

Thermal decomposition / conditions to be avoided:	<i>No decomposition if used according to specifications.</i>
Dangerous reactions	<i>No dangerous reactions known.</i>
Dangerous products of decomposition:	<i>No dangerous decomposition products known.</i>

11. Toxicological information

Potential acute health effects:
Inhalation: <i>No data available.</i>
Ingestion: <i>No data available.</i>
Skin contact: <i>No data available.</i>
Eye contact: <i>No data available.</i>
Akute toxicity: <i>No data available.</i>
Potential chronic health effects: <i>No data available.</i>

Material Safety Data Sheet

According to 1907/2006EC, Article 31

12. Ecological information

General notes: No data available.
Mobility: No data available.
Degradability: No data available.
Bio accumulative potential: No data available.
Ecotoxicology: No data available.
Other hazardous effects: No data available.

13. Disposal considerations

Product:
General recommendation: The product must be disposed of as a laboratory chemical according to local regulations.
Contaminated packaging:
Recommendation: Incineration. There are no uniform EC-regulations for the disposal of packaging as waste

14. Transport information

International transport regulations:

Regulatory information	UN number	Proper shipping name	Classes	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-	-	-
ADNR Class	Not regulated.	-	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-	-
IATA Class	Not regulated..	-	-	-	-	-

15. Regulatory information

Labeling according to directive 67/548/EGK.

Other regulations: 2000./XXV., 2004./XXVI law of chemical safety and mandatory regulation 44/2000. (XII. 27.) EüM., 33/2004. ESZCSM regulation of dangerous materials and preparations, procedure rules 2000./ XLIII. law of waste management 98/2001. (VI. 15.) government regulation, 16/2001. (VII. 18.) KöM regulation.



Material Safety Data Sheet

According to 1907/2006EC, Article 31

16. Other information:

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Material Safety Data Sheet

According to 1907/2006EC, Article 31

1. Identification of substance:

Product Name: DIASHEATH RINSE A120
Cat. No.: h24321
Application of the substance / the preparation: Laboratory reagent For In Vitro Diagnostic Use

Manufacturer/Supplier: Diagon Ltd.
Baross u. 52 Tel.: +36-1-3696500
H-1047 Budapest Fax: +36-1-3696301
Hungary www.diagon.com

Informing service: Diagon customer service helpdesk@diagon.com
Emergency information: Health Toxicological Information Service (HTIS)
during office hours Tel.: +36-1-4766464

2. Hazards identification

Hazard designation: Void
Information pertaining to particular dangers for man and environment:
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Classification system: The classification is conform to current EC-directives

3. Composition/Data on components:

Dangerous components according to EC-criteria:
Not present above the corresponding concentration limits.

4. First aid measures

General information: No special measures required.
Inhalation: Supply fresh air; consult doctor in case of symptoms.
Skin contact: Wash skin with water.
Eye contact: Immediately rinse opened eye for several minutes under running water.
Ingestion: In case of persistent symptoms consult doctor.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

5. Fire fighting measures

Suitable extinguishing agents: CO₂, extinguishing powder or water jet.
Protective equipment: No special measures required.
Specific risks: Non determined
Additional recommendations: None

6. Accidental release measures:

Person-related safety precautions: Wear lab coat, protective gloves and safety goggles.
Measures for environmental protection: Dilute with much water.
Measures for cleaning/collecting: Absorb with liquid-binding material (diatomite, acid binders, universal binders).
Additional information: No dangerous materials are released.

7. Handling and storage

Handling
Safe handling: No special measures required.
Protection against explosions and fires: No special measures required.
Storage
Storerooms and containers: No special requirements.
Storage in one common storage facility: Not required.
Further storage conditions: Protect from direct sunlight, store at 15-35 °C

8. Exposure controls and personal protection

Components with limit values at the workplace: Not required.
Additional information: The lists that were valid during the compilation were used as basis.
General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals.
Personal protective equipment:
Breathing equipment: Not necessary, if room is well-ventilated.
Hand protection: Protective gloves
Eye protection: Safety glasses recommended during refilling.
Skin protection: Lab coat.
Hygiene measures: Wash hands before and after use.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

9. Physical and chemical properties

General Information

Form:	<i>Fluid</i>
Colour:	<i>Colourless</i>
Odour:	<i>Odourless</i>
Change in condition	
Melting point/Melting range:	<i>Not determined</i>
Boiling point/Boiling range:	<i>100°C</i>
Flash point:	<i>Not applicable</i>
Self-inflammability:	<i>Product is not self-igniting</i>
Danger of explosion:	<i>Product is not explosive.</i>
Vapour pressure at 20°C:	<i>23 hPa</i>
Density at 20°C	<i>1.01 g/cm³</i>
Solubility in / Miscibility with Water:	<i>Fully miscible</i>
pH-value at 20°C:	<i>~7</i>
Viscosity:	<i>1 mPas (dynamic at 20°C)</i>

10. Stability and reactivity

Thermal decomposition / conditions to be avoided:	<i>No decomposition if used according to specifications.</i>
Dangerous reactions	<i>No dangerous reactions known.</i>
Dangerous products of decomposition:	<i>No dangerous decomposition products known.</i>

11. Toxicological information

Potential acute health effects:
Inhalation: <i>No data available.</i>
Ingestion: <i>No data available.</i>
Skin contact: <i>No data available.</i>
Eye contact: <i>No data available.</i>
Akute toxicity: <i>No data available.</i>
Potential chronic health effects: <i>No data available.</i>

Material Safety Data Sheet

According to 1907/2006EC, Article 31

12. Ecological information

General notes: No data available.
Mobility: No data available.
Degradability: No data available.
Bio accumulative potential: No data available.
Ecotoxicology: No data available.
Other hazardous effects: No data available.

13. Disposal considerations

Product:
General recommendation: The product must be disposed of as a laboratory chemical according to local regulations.
Contaminated packaging:
Recommendation: Incineration. There are no uniform EC-regulations for the disposal of packaging as waste

14. Transport information

International transport regulations:

Regulatory information	UN number	Proper shipping name	Classes	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-	-	-
ADNR Class	Not regulated.	-	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-	-
IATA Class	Not regulated..	-	-	-	-	-

15. Regulatory information

Labeling according to directive 67/548/EGK.

Other regulations: 2000./XXV., 2004./XXVI law of chemical safety and mandatory regulation 44/2000. (XII. 27.) EüM., 33/2004. ESZCSM regulation of dangerous materials and preparations, procedure rules 2000./ XLIII. law of waste management 98/2001. (VI. 15.) government regulation, 16/2001. (VII. 18.) KöM regulation.



Material Safety Data Sheet

According to 1907/2006EC, Article 31

16. Other information:

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Material Safety Data Sheet

According to 1907/2006EC, Article 31

1. Identification of substance:





Product Name: *DIARETIC AUTO A120*
Cat. No.: *h 24322, h 24332*
Application of the substance / the preparation: *Laboratory reagent For In Vitro Diagnostic Use*
Manufacturer/Supplier: *Diagon Ltd.*
Baross u. 52 Tel.: +36-1-3696500
H-1047 Budapest Fax: +36-1-3696301
Hungary www.diagon.com
Informing service: *Diagon customer service helpdesk@diagon.com*
Emergency information: *Health Toxicological Information Service (HTIS)*
during office hours Tel.: +36-1-4766464

2. Hazards identification

Hazard designation: *Void*
Information pertaining to particular dangers for man and environment:
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Classification system: *The classification is conform to current EC-directives*

3. Composition/Data on components:

Dangerous components according to EC-criteria:

CAS: 68-12-2 EC: 200-679-5	<i>N,N-Dimethyl-formamide</i>	   Flam. liq. 3, Acute tox. 4, Skin corr. 1B, Reproductive tox. 1B, Eye irrit. 2, H226, H319, H312, H332, H360D  T, Reprod. Tox. Cat. 2, R61 - R20/21 - R36	<0,5%
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4. First aid measures

General information: *No special measures required.*
Inhalation: *Supply fresh air; consult doctor in case of symptoms.*
Skin contact: *Wash skin with water.*
Eye contact: *Immediately rinse opened eye for several minutes under running water.*
Ingestion: *In case of persistent symptoms consult doctor.*

Material Safety Data Sheet

According to 1907/2006EC, Article 31

5. Fire fighting measures

Suitable extinguishing agents: CO₂, extinguishing powder or water jet.
Protective equipment: No special measures required.
Specific risks: Non determined
Additional recommendations: None

6. Accidental release measures:

Person-related safety precautions: Wear lab coat, protective gloves and safety goggles.
Measures for environmental protection: Dilute with much water.
Measures for cleaning/collecting: Absorb with liquid-binding material (diatomite, acid binders, universal binders).
Additional information: No dangerous materials are released.

7. Handling and storage

Handling
Safe handling: No special measures required.
Protection against explosions and fires: No special measures required.
Storage
Storerooms and containers: No special requirements.
Storage in one common storage facility: Not required.
Further storage conditions: Protect from direct sunlight, store at 15-35 °C

8. Exposure controls and personal protection

Components with limit values at the workplace: Not required.
Additional information: The lists that were valid during the compilation were used as basis.
General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals.
Personal protective equipment:
Breathing equipment: Not necessary, if room is well-ventilated.
Hand protection: Protective gloves
Eye protection: Safety glasses recommended during refilling.
Skin protection: Lab coat.
Hygiene measures: Wash hands before and after use.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

9. Physical and chemical properties

General Information

Form:	Fluid
Colour:	Dark
Odour:	Odourless
Change in condition	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	100°C
Flash point:	Not applicable
Self-inflammability:	Product is not self igniting
Danger of explosion:	Product is not explosive.
Vapour pressure at 20°C:	23 hPa
Density at 20°C	1.01 g/cm ³
Solubility in / Miscibility with Water:	Fully miscible
pH-value at 20°C:	~9,5
Viscosity:	1 mPas (dynamic at 20°C)

10. Stability and reactivity

Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
Dangerous reactions	No dangerous reactions known.
Dangerous products of decomposition:	No dangerous decomposition products known.

11. Toxicological information

Potential acute health effects:

Inhalation: No data available.

Ingestion: No data available.

Skin contact: No data available.

Eye contact: No data available.

Dangerous component:	examination	species	result	exposed
N,N-Dimethyl-formamide	LD50 Oral	rat	2,800 mg/kg	
	LC50 Inhal	rat	9 - 15 mg/l	4 h
	LD50 Dermal	rabbit	1,500 mg/kg	
	Skin irritation	human	Mild skin irritation	24 h
	Eye irritation	rabbit	Moderate eye irritation	
	Genotoxicity in vitro - mouse – lymphocyte: Mutation in mammalian somatic cells.			

Potential chronic health effects: No data available.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

12. Ecological information

General notes: No data available.
Mobility: No data available.
Degradability: No data available.
Bio accumulative potential: No data available.
Ecotoxicology: No data available.
Other hazardous effects: No data available.

13. Disposal considerations

Product:
General recommendation: The product must be disposed of as a laboratory chemical according to local regulations.
Contaminated packaging:
Recommendation: Incineration. There are no uniform EC-regulations for the disposal of packaging as waste

14. Transport information

International transport regulations:

Regulatory information	UN number	Proper shipping name	Classes	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-	-	-
ADNR Class	Not regulated.	-	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-	-
IATA Class	Not regulated..	-	-	-	-	-

15. Regulatory information

Labeling according to directive 67/548/EGK.

Other regulations: 2000./XXV., 2004./XXVI law of chemical safety and mandatory regulation 44/2000. (XII. 27.) EüM., 33/2004. ESZCSM regulation of dangerous materials and preparations, procedure rules 2000./ XLIII. law of waste management 98/2001. (VI. 15.) government regulation, 16/2001. (VII. 18.) KöM regulation.



Material Safety Data Sheet

According to 1907/2006EC, Article 31

16. *Other information:*

Diagon LTD provides the information in this data sheet in good faith, declaring it is up-to-date at time of revision. However this document is intended only as a guide for professional use, according to the intended purposes of the product. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

1. Identification of substance:

Product Name: **Diaclean-EZ-A120**
Cat. No.: **h 24323**
Application of the substance / the preparation: **Laboratory reagent For In Vitro Diagnostic Use**
Manufacturer/Supplier: **Diagon Ltd.**
 Baross u. 52 Tel.: +36-1-3696500
 H-1047 Budapest Fax: +36-1-3696301
 Hungary www.diagon.com
Informing service: **Diagon customer service** helpdesk@diagon.com
Emergency information: **Health Toxicological Information Service (HTIS)**
 during office hours Tel.: +36-1-4766464

2. Hazards identification



Xi, Irritant, R36

Safety advice concerning dangerous preparations:
S60

3. Composition/Data on components:

Dangerous components according to EC-criteria:

CAS: 111-90-0 EC: 203-919-7	Diethylene glycol monoethyl ether	 Eye Irrit. 2, H319  Xi, R36	<20,0%
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4. First aid measures

General information: *No special measures required.*
Inhalation: *Supply fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult doctor in case of symptoms.*
Skin contact: *Wash skin with water and soap.*
Eye contact: *Immediately rinse opened eye for several minutes under running water. Transport to hospital for further medical attention.*
Ingestion: *In case of persistent symptoms consult doctor.*

Material Safety Data Sheet

According to 1907/2006EC, Article 31

5. Fire fighting measures

Suitable extinguishing agents: CO₂, extinguishing powder or water jet.
Protective equipment: Do not stay in dangerous zone without suitable chemical protective clothing and breathing apparatus.
Specific risks: Non combustible. Ambient fire may liberate hazardous vapours.
Additional recommendations: None

6. Accidental release measures:

Person-related safety precautions: Wear lab coat, protective gloves and safety goggles.
Measures for environmental protection: Do not allow to enter sewerage system.
Measures for cleaning/collecting: Absorb with liquid-binding material (diatomite, acid binders, universal binders).
Additional information: None.

7. Handling and storage

Handling
Safe handling: Ensure good ventilation at the workplace.
Protection against explosions and fires: No special measures required.
Storage
Storerooms and containers: No special requirements.
Storage in one common storage facility: No special requirements.
Further storage conditions: Protect from direct sunlight, store at 15-35 °C.

8. Exposure controls and personal protection

Components with limit values at the workplace: Not required.
Additional information: The lists that were valid during the compilation were used as basis.
General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals.
Personal protective equipment:
Breathing equipment: Required when vapours generated.
Hand protection: Protective gloves
Eye protection: Safety glasses recommended during refilling.
Skin protection: Lab coat.
Hygiene measures: Wash hands before and after use.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

9. Physical and chemical properties

General Information

Form:	<i>Fluid</i>
Colour:	<i>Colourless</i>
Odour:	<i>Odourless</i>
Change in condition	
Melting point/Melting range:	<i>Not determined</i>
Boiling point/Boiling range:	<i>100°C</i>
Flash point:	<i>Not applicable</i>
Self-inflammability:	<i>Product is not self igniting</i>
Danger of explosion:	<i>Product is not explosive.</i>
Vapour pressure at 20°C:	<i>23 hPa</i>
Density at 20°C	<i>1.01 g/cm³</i>
Solubility in / Miscibility with Water:	<i>Fully miscible</i>
pH-value at 20°C:	<i>~12,0</i>
Viscosity:	<i>1 mPas (dynamic at 20°C)</i>

10. Stability and reactivity

Thermal decomposition / conditions to be avoided:	Heating. No decomposition if used according to specifications.
Dangerous reactions	No dangerous reactions known.
Dangerous products of decomposition:	Thermal decomposition may yield oxides of carbon and formaldehyde gas.

11. Toxicological information

Potential acute health effects:

Inhalation:	No data available.
Ingestion:	No data available.
Skin contact:	No data available.
Eye contact:	Harmful by eye contact.

Dangerous component:	examination	species	result	exposed
Diethylene glycol monoethyl ether	LD50Oral	Rat	10,502 mg/kg	
	LC50Inhalation	Rat	200 mg/l	
	LD50Dermal	Rabbit	9,143 mg/kg	
	Skin Irritation	Rabbit	Mild Skin Irritation	
	Eye Irritation	Rabbit	Mild Eye Irritation	

Potential chronic health effects: No data available.

Material Safety Data Sheet

According to 1907/2006EC, Article 31

12. Ecological information

Ecotoxicity: No data available
Persistence and degradability: No data available
Bioaccumulative potential: No data available
Mobility in soil: No data available
Degradability: No data available.
Other adverse effects: No data available

13. Disposal considerations

Product:
Recommendation: The product must be disposed of as a laboratory chemical according to local regulations.
Contaminated packaging:
Recommendation: Incineration. There are no uniform EC-regulations for the disposal of packaging as waste

14. Transport information

International transport regulations:

Regulatory information	UN number	Proper shipping name	Classes	Packing group	Label	Additional information
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IATA Class	Not regulated..	-	-	-	-	-

15. Regulatory information

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Material Safety Data Sheet

According to 1907/2006EC, Article 31

16. Other information:

Symbols:  *Xi, Irritative, R36*

Risk phrases: *R36 Irritating to eyes.*

Safety phrases: *S60 This material and its container must be disposed of as hazardous waste!*

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