

**KIT****1 INFORMATION OF THE SUBSTANCE/PREPARATION AND COMPANY****1.1 Product identifier**

Product Name : HCG ELISA

Catalog # : KAPD1469

Kit Components : Microtiterwells  
Calibrators  
Controls  
Enzyme conjugate  
Substrate Solution  
Stop Solution

**1.2 Intended Use**

For In Vitro Diagnostic Use. See product literature for details.

**1.3 Company**

DIAsource ImmunoAssays S.A.  
Rue du Bosquet, 2  
B-1348 Louvain-la-Neuve  
Belgium  
Tel. Nr. +32 (0)10/84.99.11  
E-mail: [products.support@diasource.be](mailto:products.support@diasource.be)

**1.4 Emergency telephone**

DIAsource (only office hours) : +32 (0)10/84.99.11  
Centre Anti-Poisons (BE) 070 245 245  
Please refer to your local Anti-Poison Center!

**2 OTHER INFORMATION****2.1 Single components with dangerous ingredients:**

According to Article 31 of Regulation (EC) No 1907/2006 a safety data sheet has to be provided **upon request** where a mixture does not meet the criteria for classification as hazardous but contains a substance in a concentration of  $\geq 1$  % posing human health hazards.

**Therefore the safety data sheet is attached for the single kit component:**

- *Stop Solution*
- *Substrate Solution*

The other single components in these products neither contain

- a substance in a concentration of  $\geq 1$  % posing human health or environmental hazards; nor
- a substance in a concentration  $\geq 0.1$  % that is carcinogenic category 2 or toxic to reproduction category 1A, 1B and 2, skin sensitizer category 1, respiratory sensitizer category 1, or has effects on or via lactation or is persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB)

**2.2 General Precautions :**

- The products are for professional laboratory use only.
- Users should have a thorough understanding of the Instructions for Use prior to their use of this kit.
- Good Laboratory Practices (GLP) should be followed to ensure the safe use and disposal of the reagents.
- Never pipet by mouth and avoid contact of reagents and specimens with skin and mucous membranes.
- Do not smoke, eat, drink or apply cosmetics in areas where specimens or kit reagents are handled.
- Wear disposable latex gloves when handling reagents

**2.3 Other information**

Microplate : Each well can only be used once



## STOP SOLUTION

### 1 INFORMATION OF THE SUBSTANCE/PREPARATION AND COMPANY

#### 1.1 Product identifier

Product Name : Stop Solution

Catalog # : Component of KAPD1469

#### 1.2 Intended Use

Reagent for in vitro laboratory use. For professional use only.

#### 1.3 Company

DIAsource ImmunoAssays S.A.

Rue du Bosquet, 2

B-1348 Louvain-la-Neuve

Belgium

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#### 1.4 Emergency telephone

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Please refer to your local Anti-Poison Center!

### 2 HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

However a safety data sheet is being supplied for it upon request as the component contain a substance which presents a health hazard within the meaning of Regulation (EC) No 1272/2008.

#### 2.2 Label elements

No labelling required.

Hazard pictogram(s) : None

Signal word(s) : None

Hazard statement(s) : None

Precautionary statement(s) : None

**2.3 Other hazards**

Results of PBT and vPvB assessment

- PBT : Not applicable.
- vPvB : Not applicable.

**3 COMPOSITION/INFORMATION ON INGREDIENTS****Mixture**

Substance name	CAS No. (EC No.) [Index No.]	Conc. in the mixture	Classification according to Regulation (EC) No 1272/2008 [CLP], ANNEX VI, Harmonised classification and labelling for certain hazardous substances		
			Hazard class / Hazard categories	Hazard- statement	Specific Concentration Limits
sulphuric acid ... %	7664-93-9 (231-639-5) [016-020-00-8]	< 5.0 %	Skin Corr. 1A	H314	Skin Corr. 1A; H314: $C \geq 15 \%$ Skin Irrit. 2; H315: $5 \% \leq C < 15 \%$ Eye Irrit. 2; H319: $5 \% \leq C < 15 \%$

Full text of H-phrases: see section 16

**4 FIRST AID MEASURES****4.1 Description of first aid measures****General information :** If symptoms persist or in case of doubt, seek medical advice.**Inhalation :** Supply fresh air; consult doctor in case of complaints.**Skin Contact :** Remove contaminated clothes and shoes.  
Clean with water and soap. If possible, also wash with polyethylene glycol 400.  
Cover wound with a sterile dressing.  
If skin irritation continues, consult a doctor.**Eye Contact :** Protect unharmed eye.  
Rinse opened eye for several minutes under running water.  
Call a doctor immediately.**Ingestion :** Rinse mouth with water.  
Spit liquid out again.  
Drink lots of water and provide fresh air. Call a doctor immediately.  
Never give anything by mouth to an unconscious person**4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed**

Symptomatic treatment.

## 5 FIRE FIGHTING MEASURES

### 5.1 Extinguishing media

#### Suitable extinguishing agents :

The product is not combustible and does not support any combustion.

Use fire fighting measures suiting the environment.

#### For safety reasons unsuitable extinguishing agents :

No data available

### 5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released :

Sulphur oxides (SO<sub>x</sub>)

Poisonous gases/vapours

### 5.3 Additional information

**Protective equipment :** Wear self-contained respiratory protective device.

## 6 ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precaution, protective equipment and emergency procedures

Wear protective clothing.

Avoid any product contact.

### 6.2 Environmental Precautions

Do not allow product to reach sewage system or any water course.

Do not allow to penetrate the ground/soil.

### 6.3 Methods and material for containment and cleaning-up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Rinse residues with water.

Make sure to recycle or dispose of in suitable receptacles.

### 6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7 HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Avoid contact with eyes and skin.

Keep the working area dry and clean.

**Information about protection against explosions and fires:** Observe the general rules of industrial fire protection.

## 7.2 Conditions for safe storage, including any incompatibilities

### Storage :

#### **Requirements to be met by storerooms and receptacles :**

Store container tightly sealed at a cool and dry place with sufficient ventilation.

#### **Information about storage in one common storage facility :**

Store away from foodstuffs.

Refer to national regulations for storing hazardous chemicals.

#### **Further information about storage conditions:**

Store as directed in the relevant instruction for use.

## 7.3 Specific Use(s)

Use only in accordance with the Instructions for Use supplied with the ELISA kit.

# 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1 Control parameters

Following information is available for the substance listed in section 3.2

<b>Substance:</b> sulphuric acid					
<b>CAS No.:</b> 7664-93-9					
	<b>Limit value - Eight hours</b>		<b>Limit value - Short term</b>		
<b>Country</b>	<b>ppm</b>	<b>mg/m<sup>3</sup></b>	<b>ppm</b>	<b>mg/m<sup>3</sup></b>	<b>Legal basis</b>
European Union		<b>0.05 (1)(2)</b>			Directive 2009/161/EU
Italy		0,05 (1)(2)			
France		<i>0,05 thoracic fraction</i>		3	
Germany (AGS)		0,1 inhalable aerosol		0,1 inhalable aerosol (1)	TRGS 900
Germany (DFG)		0,1 (1)		0,1 (1)(2)	
Spain		0,05		3	
USA - NIOSH		1			
USA - OSHA		1			
<b>Remarks</b>					
European Union	1) Thoracic fraction (2) When selecting an appropriate exposure monitoring method, account should be taken of potential limitations and interferences that may arise in the presence of other sulphur compounds. Bold-type: Indicative Occupational Exposure Limit Value (IOELV) ~ (for references see „ <a href="https://www.dguv.de/ifa/gestis/gestis-internationale-grenzwerte-fuer-chemische-substanzen-limit-values-for-chemical-agents/bibliography/index.jsp">https://www.dguv.de/ifa/gestis/gestis-internationale-grenzwerte-fuer-chemische-substanzen-limit-values-for-chemical-agents/bibliography/index.jsp</a> “)				
France	<i>Italics type: Indicative statutory limit values</i>				
Germany (AGS)	(1) 15 minutes average value				
Germany (DFG)	(1) 15 minutes average value (2) A momentary value of 0,2 mg/m <sup>3</sup> should not be exceeded				

Source: Based on GESTIS International Limit values Database, 2020-06

## 8.2 Exposure controls

### Personal protective equipment :

#### **General protective and hygienic measures :**

The usual precautionary measures should be adhered to when handling chemicals.

Provide eye bath and emergency shower.

**Respiratory Protection :**

Not required under normal use.

**Hand Protection :**

Protective gloves complying with EN 374 (nitrile rubber, Latex gloves).

The glove material has to be impermeable and resistant to the product/substance/preparation.

The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

**Eye Protection :**

Safety glasses.

**Skin Protection :**

Protective work clothing, lab coat.

**9 PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

Appearance :	Form :	liquid
	Colour :	colourless
Odour		odourless
Odour threshold		Not determined
pH		1.0
Melting point/freezing point		Not determined
Initial boiling point and boiling range		Not determined
Flash point		Not determined
Flammability (solid, gas)		Not applicable
Ignition temperature :		
Decomposition temperature :		Not determined
Self ignition temperature:		Product is not self-igniting.
Danger of explosion :		Product does not present an explosion hazard.
Explosion limits:		
Lower:		Not applicable
Upper:		Not applicable
Oxidizing properties:		No data available
Vapour pressure:		Not determined
Density:		Not determined
Relative density:		Not determined
Vapour density:		Not determined
Evaporation rate:		Not determined
Solubility in / Miscibility with Water:		Fully miscible
Partition coefficient (n-octanol/water):		Not determined
Viscosity:		Not determined

**9.2 Other information**

No further relevant information available.

**10 STABILITY AND REACTIVITY****10.1 Reactivity**

No further relevant information available.

**10.2 Chemical Stability**

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

**10.3 Possibility of hazardous reactions**

Corrosive effect on metals.

**10.4 Conditions to Avoid**

Heat.

**10.5 Incompatible materials**

Metals.

**10.6 Hazardous Decomposition Products**

No hazardous decomposition products if instructions for storage and handling are followed.

**11 TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects**Acute toxicity

Based on available data, the classification criteria are not met.

LD/LC 50 values that are relevant for classification :7664-93-9 sulphuric acid

Oral LD50 2140 mg/kg (rat)

Inhalative LC50/4 h 0.375 mg/L (rat)  
(aerosol)

Although the LC50 values from the inhalation toxicity study theoretically trigger Classification with 'Toxic by inhalation', classification is not proposed. The effects of sulphuric acid following inhalation are entirely due to local irritation of the respiratory tract: there is no evidence for the systemic toxicity of sulphuric acid in any study as effects are limited to the site of contact. Classification for acute inhalation toxicity is not considered to be appropriate.

Skin corrosion/irritation

May cause irritation to the skin.

Serious eye damage/irritation

May cause irritation to the eyes.

Respiratory or skin sensitization

Based on available data, the classification criteria are not met.

Additional toxicological information:

After swallowing: irritations of mucous membranes in the mouth, pharynx, oesophagus and gastrointestinal tract

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

No data available

**12 ECOLOGICAL INFORMATION****12.1 Toxicity**Aquatic toxicity :

7664-93-9 sulphuric acid

EC50/48h (static) &gt; 100 mg/l (Daphnia magna) (OECD Guideline 202)

LC50/72h (static) &gt; 100 mg/l (Desmodesmus subspicatus) (OECD Guideline 201)

LC50/96h (static) &gt; 16 &lt; 28 mg/l (Lepomis macrochirus)

**12.2 Persistence and degradability**

No further relevant information available

**12.3 Bioaccumulation**

No further relevant information available

**12.4 Mobility in soil**

No further relevant information available

**12.5 Results of PBT and vPvB assessment**

Not applicable

**12.6 Other adverse effects**

No further relevant information available.

**13 DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods****Recommendation :**

Must be recycled or disposed of according to the regulations. Waste has to be classified according to the European Waste

Catalogue based on the identification of the waste generating source.

Smaller quantities can be disposed of with household waste.

**European waste catalogue :**

16 00 00 WASTES NOT OTHERWISE SPECIFIED IN THE LIST

16 05 00 gases in pressure containers and discarded chemicals

16 05 06 laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals

15 00 00 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED

15 01 00 packaging (including separately collected municipal packaging waste)

15 01 02 plastic packaging

**Uncleaned packagings :****Recommendation :**

Disposal must be made according to official regulations.

Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

**Recommended cleansing agent:** Water; if necessary, with cleansing agents.

**14 TRANSPORT INFORMATION**

UN No.	ADR, ADN, IMDG, IATA	Void
UN Proper shipping name	ADR, ADN, IMDG, IATA	Void
Transport hazard class(es)	ADR, ADN, IMDG, IATA	Void
Packing group	ADR, IMDG, IATA	Void
Environmental hazards	Not applicable	
Special precautions for user	Not applicable.	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.	

**15 REGULATORY INFORMATION**

This Safety Data Sheet is according to Commission Regulation (EU) 2015/830 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

**15.1 Safety, health and environmental regulation/legislation specific for the substance or mixture**

Directive 2012/18/EU

Named dangerous substances - ANNEX I Not listed.

National regulations

Water hazard class : Water hazard class 1 (Self-assessment): slightly hazardous for water

Further information : None of the ingredients is listed.

**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out.

**16 OTHER INFORMATION****"H code" used in this safety data sheet**

As mentioned in section 3 of the safety data sheet (not relevant for labelling of the product)

H314 : Causes severe skin burns and eye damage.

**Abbreviations**

AGS	Ausschuss für Gefahrstoffe
DFG	Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission)
LC50	Lethal concentration, 50 percent
LD50	Lethal dose, 50 percent
NIOSH	National Institute for Occupational Safety and Health of USA
OSHA	Occupational Safety and Health Administration of USA
TRGS	Technische Regeln für Gefahrstoffe

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

**Notification:**

Printing date 14/03/23

Compiled by:  
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English is acceptable for our MSDS as the following conditions are met:

- Medical specialists (users) are well educated in the English language

**SUBSTRATE SOLUTION****1 INFORMATION OF THE SUBSTANCE/PREPARATION AND COMPANY****1.1 Product identifier**

Product Name : Substrate Solution

Catalog # : Component of KAPD1469

**1.2 Intended Use**

Reagent for in vitro laboratory use. For professional use only.

**1.3 Company**

DIAsource ImmunoAssays S.A.

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Tel. Nr. +32 (0)10/84.99.11

E-mail: [products.support@diasource.be](mailto:products.support@diasource.be)**1.4 Emergency telephone**

DIAsource (only office hours): +32 (0)10/84.99.11

Centre Anti-Poisons (BE) 070 245 245

Please refer to your local Anti-Poison Center!

**2 HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture****Regulation (EC) No. 1272/2008**This mixture is **not** classified as hazardous in accordance with Regulation (EC) No. 1272/2008.**2.2 Label elements****Regulation (EC) No. 1272/2008**

No labelling required.

Hazard pictogram(s): None

Signal word(s): None

Hazard statement(s): None

Precautionary statement(s): None

**2.3 Other hazards**

No information available.

**3 COMPOSITION/INFORMATION ON INGREDIENTS****Mixture**

Substance name	CAS No. (EC No.) [Index No.] “REACH No.”	Concentration in the mixture	Classification according to Regulation (EC) No 1272/2008 [CLP] (related to the concentrated form)	
			Hazard class / Hazard categories	Hazard- statement
2-Pyrrolidone	616-45-5 (210-483-1) [ - ] “01-2119475471-37”	1 - < 5 %	Eye Irrit. 2;	H319

The full text of H-statements is in article 16

**4 FIRST AID MEASURES****4.1 Description of first aid measures**

<b>General information</b>	When in doubt or if symptoms are observed, get medical advice.
<b>Inhalation</b>	Provide fresh air.
<b>Skin Contact</b>	Wash with plenty of water. Take off contaminated clothing and wash it before reuse.
<b>Eye Contact</b>	Rinse immediately carefully and thoroughly with eye-bath or water.
<b>Ingestion</b>	Rinse mouth thoroughly with water.

**4.2 Most important symptoms and effects, both acute and delayed**

No data available.

**4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5 FIRE FIGHTING MEASURES****5.1 Extinguishing media****Suitable extinguishing media**

Suitable extinguishing media: Water mist, Water spray, Dry extinguishing powder, Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media**

None identified.

**5.2 Special hazards arising from the substance or mixture**

The product itself is not inflammable.

**5.3 Additional information**

Co-ordinate fire-fighting measures to the fire surroundings.

**Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**6 ACCIDENTAL RELEASE MEASURES****6.1 Personal precaution, protective equipment and emergency procedures**

Use personal protective equipment.

**6.2 Environmental Precautions**

Do not allow to enter surface water or drains.

**6.3 Methods and material for containment and cleaning-up**

Wipe up with absorbent material (eg. cloth, fleece). Wash with plenty of water.

**6.4 Reference to other sections**

Safe handling : see section 7.

Personal protection equipment : see section 8.

Disposal : see section 13.

**7 HANDLING AND STORAGE****7.1 Precautions for safe handling****Advice on safe handling**

Use only in accordance to the manual.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

**7.2 Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed. Keep cool. Protect from sunlight.

**Hints on joint storage**

Do not store together with: Oxidizing agent.

**Further information on storage condition**

Observe directions on the label.

Storage temperature of 2 °C - 8 °C.

**7.3 Specific end uses**

Use only in accordance to the manual.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters****Additional advice on limit values**

To date, no national critical limit values exist.

**8.2 Exposure controls****Protective and hygiene measures**

General industrial hygiene practice. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

**Eye/face protection**

Eye protection: not required.

**Hand protection**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. Chemical protective gloves must meet the requirements of European standard EN 374. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. The following materials are suitable for protective gloves (permeation time > 480 min) :

NBR (Nitrile rubber);  $\geq 0.11$  mm thickness.

Take recovery periods for skin regeneration.

**Skin protection**

Use of protective clothing. The type of personal protection equipment has to be chosen based on the concentration and amount of the dangerous substance at the workplace.

**Respiratory protection**

Respiratory protection not required.

**Environmental exposure controls**

Do not allow to enter into surface water or drains.

**9 PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

Physical state :	liquid
Colour :	colourless - pale yellow
Odour :	odourless
pH-Value (at 20 °C) :	3.5 - 4.0

**Changes in the physical state**

Melting point :	not determined
Initial boiling point and boiling range :	100 °C
Flash point :	not determined

**Flammability**

Solid :	not applicable
Gas :	not applicable

**Explosive properties**

The product is not: Explosive.

Lower explosion limits :	not determined
Upper explosion limits :	not determined

**Auto-ignition temperature**

Solid :	not applicable
Gas :	not applicable

Decomposition temperature :	not determined
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**Oxidizing properties**

Not oxidising

Vapour pressure :	not determined
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Density :	1.0064 g/cm <sup>3</sup>
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Water solubility :	completely miscible
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<b>Solubility in other solvents</b> n	not determined
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Partition coefficient :	not determined
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Vapour density :	not determined
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Evaporation rate :	not determined
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**9.2 Other information**

Solid content : not determined.

**10 STABILITY AND REACTIVITY****10.1 Reactivity**

This material is considered to be non-reactive under normal use conditions.

**10.2 Chemical Stability**

The product is stable under storage at normal ambient temperatures.

**10.3 Possibility of hazardous reactions**

No hazardous reaction when handled and stored according to provisions.

**10.4 Conditions to Avoid**

Light-sensitive. Keep away from heat. Stable under recommended storage and handling conditions.

**10.5 Incompatible materials**

Avoid contact with strong oxidizing agents and metals.

**10.6 Hazardous Decomposition Products**

No known hazardous decomposition products.

**11 TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

**Irritation and corrosivity**

Based on available data, the classification criteria are not met.

**Sensitising effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Additional information on tests**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

**12 ECOLOGICAL INFORMATION****12.1 Toxicity**

The product is not : Ecotoxic.

**12.2 Persistence and degradability**

The product has not been tested.

**12.3 Bioaccumulation**

No indication of bioaccumulation potential.

**12.4 Mobility in soil**

The product has not been tested.

**12.5 Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6 Other adverse effects**

No information available.

**Further information**

Avoid release to the environment. There are no data available on the mixture itself.

**13 DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods****Disposal recommendations**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

**List of Wastes Code - residues/unused products**

160509 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08.

**List of Wastes Code - used product**

160509 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08.

**List of Wastes Code - contaminated packaging**

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging.

**Contaminated packaging**

Non-contaminated packages may be recycled.

**14 TRANSPORT INFORMATION**

	Land transport (ADR/RID)	Inland waterway transport (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 <u>UN No.</u>	No dangerous good in sense of this transport regulation.	No dangerous good in sense of this transport regulation.	No dangerous good in sense of this transport regulation.	No dangerous good in sense of this transport regulation.
14.2 <u>UN Proper shipping name</u>				
14.3 <u>Transport hazard class(es)</u>				
14.4 <u>Packing group</u>				
14.5 <u>Environmental hazards</u>	No.			
14.6 <u>Special precautions for user</u>	No dangerous good in sense of this transport regulation.			
14.7 <u>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</u>	No dangerous good in sense of this transport regulation.			

**15 REGULATORY INFORMATION**
**15.1 Safety, health and environmental regulation/legislation specific for the substance or mixture**
**EU regulatory information**

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

**National regulatory information**

Employment restrictions :

Observe restrictions to employment for juveniles according to the Council Directive 94/33/EC on the protection of young people at work.  
Observe employment restrictions under the Maternity Protection Directive (Council Directive 92/85/EEC) for expectant or nursing mothers.

Water hazard class (D) :

1 - slightly hazardous to water

**15.2 Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**16 OTHER INFORMATION**"H code" used in this safety data sheet

As mentioned in section 3 of this safety data sheet:

H319 Causes serious eye irritation.

Further information:

The information stated above is based on our actual knowledge and is intended to describe our products concerning safety recommendations. The information does not assure product properties and is therefore no basis for legal action.

Notification:

English is acceptable for our MSDS as the following conditions are met:

- Medical specialists (users) are well educated in the English language

**MSDS established** : 2023-03-14

**Revision number** : 4