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## SECTION 1: *Identification of the substance/mixture and of the company/undertaking*

### 1.1 Product identifier

**Trade Name: SYR Clear Solution #8 Hard Surface Disinfectant Cleaner.**

#### Contains:

- 2-Aminoethanol.
- Quaternary ammonium compounds, benzyl (C12-C16) alkyldimethyl, chlorides.
- Didecyldimethylammonium chloride

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

For trade, professional and industrial surface cleaning and disinfecting.

### 1.3 Details of the supplier of the safety data sheet

Scot Young research Ltd  
Lye-by-Pass  
Lye  
Stourbridge  
West Midlands  
DY9 8HG  
United Kingdom

Telephone number: +44(0)1384 892021  
Fax: +44 (0)1384 421675  
E-mail address: info@syrcclean.com

### 1.4 Emergency telephone number

Emergency telephone number: +44(0)1384 892021

**NOTE:** This number is only available during the following office hours: **0900 to 1700 Monday to Thursday; 0900 to 1500 Friday.**

## SECTION 2: *Hazards identification*

### 2.1 Classification of the substance or mixture

#### 2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP)

Skin Corrosion 1B; H314  
Acute Toxicity 4; H302  
Aquatic Acute 1; H400  
Aquatic Chronic 2; H411

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### 2.1.2 Classification according to Directive 1999/45/EC

Harmful; Xn; R22

Corrosive; R34




Dangerous for the Environment; N; R50; R51/53

### 2.1.3 Additional information

For full text of R-phrases and Hazard- and EU Hazard- statements: See SECTION 16

## 2.2 Label elements

### 2.2.1 Labelling according to Regulation (EC) No 1272/2008 (CLP)

<b>Pictograms</b>			
<b>Signal Word</b>	<b>Danger</b>		
<b>Hazard Statements</b>	H314	<b>Causes severe skin burns and eye damage.</b>	
	H302	<b>Harmful if swallowed.</b>	
	H410	<b>Very toxic to aquatic life with long lasting effects.</b>	
<b>Precautionary Statements</b>	P280	Wear protective gloves/protective clothing/eye protection/face protection.	
	P305 + P351+ P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
	P310	Immediately call a POISON CENTER or doctor/physician.	
	P303 +P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower	
	P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.	
	P301 + P330 + P331	IF SWALLOWED: Rinse Mouth. Do NOT induce vomiting.	
	P363	Wash contaminated clothing before reuse.	
	P273	Avoid release to the environment.	
	P405	Store locked up.	
P501	Dispose of contents/container in accordance with local/regional/national regulation.		

### 2.2.2 Labelling according to Directive 1999/45/EC

See SECTION 16.

## 2.3 Other hazards

This mixture does not contain any substances that are assessed to be PBT or vPvB.

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**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

**Description of the mixture:** Microbiozide based on twin chain quaternary ammonium compound.

**Hazardous ingredients:**

CAS No.	EC No.	Index No.	REACH Registration No.	% (weight)	Name	Classification according to Regulation (EC) No. 1278/2008 (CLP)	Classification according to 67/548/EEC
7173-51-5	230-525-2	612-131-00-6	01-2119945987-15-xxxx	5 - 10	Didecyldimethylammonium chloride	Acute Tox. 4; H302.  Skin Corr. 1B; H314.  Aquatic Acute 1; H400.	Xn; R22.  C; R34.  N; R50.
68424-85-1	270-325-2	N/A	N/A	5 - 10	Quaternary ammonium compounds, benzyl (C12-C16) alkyl dimethyl, chlorides	Met. Corr.1; H290.  Acute Tox. 4; H302.  Skin Corr. 1B; H314.  Eye Dam. 1; H318.  Aquatic Acute 1; H400 (M=10).  Aquatic Chronic 1; H410.	Xn; R22.  C; R34.  N; R50.
141-43-5	205-483-3	603-030-00-8	01-2119486455-28-xxxx	2.5 - <5	2-Aminoethanol	Acute Tox. 4; H302.  Acute Tox. 4; H312.  Acute Tox. 4; H332.  STOT SE 3; H335: C≥ 5%.  Skin Corr. 1B; H314.	Xn; R20/21/22.  C; R34.  (SCL: C ≥ 10% ; R34.  5% ≤ C < 10%; R36/37/38. )
53563-70-5	N/A	N/A	N/A	1 – 2.5	Alkylether Carboxylic Acid	Eye Dam. 1; H318.  Skin Irrit. 2; H315.	Xi; R38, R41.
497-19-8	207-838-8	011-005-00-2	01-2119485498-19-xxxx	0.1 - 1	Sodium Carbonate	Eye Irrit. 2; H319	Xi; R36

N/A – Not applicable

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**SECTION 4: First aid measures****4.1 Description of first aid measures****First aid measures****Inhalation :**

Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**Ingestion :**

Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe.

Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**Skin contact :**

Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Eye contact :**

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**4.2 Most important symptoms and effects, both acute and delayed****Over-exposure signs/symptoms****Inhalation :**

Irritation to the respiratory tract may result from overexposure to fumes, mist or vapour.

**Ingestion :**

Ingestion may cause nausea, burns and eventually vomiting and diarrhoea. Danger of gastric perforation.

**Skin :**

Adverse symptoms may include the following: burns, irritation, redness.

**Eyes :**

Adverse symptoms may include the following: pain or irritation, watering, redness. Small amounts splashed into eyes can cause irreversible tissue damage and blindness.

**See SECTION 11 for more detailed information on health effects and symptoms.**

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#### 4.3 Indications of any immediate medical attention and special treatment needed

##### Notes to physician :

No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Show this Safety Data Sheet to the doctor in attendance.

##### Protection of first aid personnel

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

### SECTION 5: *Firefighting measures*

#### 5.1 Extinguishing media

##### Suitable :

Use water spray, fog or foam. Use an extinguishing agent suitable for the surrounding fire.

##### Not suitable :

Do not use water jet.

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

In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

##### Hazardous thermal decomposition products

In combustion emits toxic fumes.

#### 5.3 Advice for firefighters

##### Special precautions for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

##### Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### SECTION 6: *Accidental release measures*

#### 6.1 Personal precautions, protective equipment and emergency Procedures

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8). Avoid breathing vapour or mist.

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## 6.2 Environmental precautions

Water polluting material - may be harmful to the environment if released in large quantities.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

## 6.3 Methods and materials for containment and cleaning up

### Small spill :

Move containers from spill area. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container.

### Large spill :

Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Contaminated absorbent material may pose the same hazard as the spilled product.

Decontamination procedure: Quaternary ammonium compounds are incompatible with anionic compounds, e.g. with anionic surfactants. If product is released unintentionally into waste water, drain the contaminated waste water and collect it in an appropriate container. Adjust with sodium lauryl sulphate solution (concentration twice as high as the active ingredient in the wastewater) to a mixture ratio of 1:1. Polluted surfaces can be decontaminated with a 10% sodium lauryl sulphate solution.

## 6.4 Reference to other sections

Note: see SECTION 1 for emergency contact information and SECTION 13 for waste disposal.

# SECTION 7: *Handling and storage*

## 7.1 Precautions for safe handling

Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

## 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

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### 7.3 Specific end use(s)

Not applicable.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### United Kingdom (UK) Workplace Exposure Limits

Substance	CAS Number	Workplace exposure limit (WEL)				Comment
		Long-term exposure limit (8-hr TWA reference period)		Short-term exposure limit – STEL (15 minute reference period)		
		ppm	mg.m <sup>-3</sup>	ppm	mg.m <sup>-3</sup>	
2-Aminoethanol	141-43-5	1	2.5	3	7.6	Sk;

#### Notes:

Sk:- Can be absorbed through skin.

#### Derived No-Effect Levels' (DNEL's) and Predicted No-Effect Concentrations' (PNEC's)

##### DNELS

No information.

##### PNECs

No information.

### 8.2 Exposure controls

#### Hygiene measures :

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Ensure that there is sufficient ventilation of the area.

#### Eye and face protection

Wear tightly fitting safety goggles, safety spectacles and/or Face shield (visor) with CE-label.

#### Skin protection

Wear chemical protective gloves according to DIN EN 374 with CE-labelling. Suitable materials include Nitrile rubber, NBR. Gloves for mechanical protection do not provide protection against chemicals.

Wear protective clothing.

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## SECTION 9: *Physical and chemical properties*

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b> Physical state Colour	Liquid. Green.
<b>Odour</b>	IPA like
<b>Odour threshold</b>	No data.
<b>pH</b>	12.0 – 12.5 at 20°C
<b>Melting Point</b>	Not applicable
<b>Initial boiling point and boiling range</b>	Approximately 100°C (Water)
<b>Flash point</b>	Not applicable
<b>Evaporation rate</b>	No data
<b>Flammability</b>	Not classified as flammable
<b>Explosion limits</b> Upper Lower	Product is not explosive
<b>Vapour pressure</b>	23 hPa (Water) at 20°C
<b>Vapour density</b>	No data
<b>Relative density</b>	1.028 – 1.048
<b>Solubility</b>	Highly soluble and miscible in water
<b>Partition coefficient: n-octanol/water</b>	No data
<b>Auto-ignition temperature</b>	Not applicable
<b>Decomposition temperature</b>	No data
<b>Viscosity</b>	No data
<b>Explosive properties</b>	Not applicable
<b>Oxidising properties</b>	No data

### 9.2 Other information

Not applicable.

## SECTION 10: *Stability and reactivity*

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

The product is stable under normal conditions of storage and use. Minimum shelf life of 24 months from production date.

### 10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.



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#### 10.4 Conditions to avoid

No specific information available.

Avoid release to the environment.

#### 10.5 Incompatible materials

Anionic compounds.

#### 10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. In combustion may emits toxic fumes.

### SECTION 11: *Toxicological information*

#### 11.1 Information on toxicological effects

No data is available on the product. Based on the hazardous substances in the mixture and their concentration the product has been assessed according to the calculation method of Regulation (EC) 1272/2008 (as amended).

##### a) Acute toxicity

###### Oral

Harmful if swallowed.

###### Dermal

Based on the available data on component substances, the classification criteria for acute dermal toxicity are not met.

###### Inhalation

Based on the available data on component substances, the classification criteria for acute inhalation toxicity are not met.

###### Other routes

No data.

##### (b) Skin corrosion/irritation

May causes severe skin burns.

##### (c) Serious eye damage/irritation

May cause serious damage to eyes.

##### (d) Respiratory or skin sensitization

Based on the available data on component substances, the classification criteria for respiratory or skin sensitisation are not met.

##### (e) Germ cell mutagenicity

Based on the available data on component substances, the classification criteria for germ cell mutagenicity are not met.

##### (f) Carcinogenicity

Based on the available data on component substances, the classification criteria for carcinogenicity are not met.

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**(g) Reproductive toxicity**

Based on the available data on component substances, the classification criteria for reproductive toxicity are not met.

**(h) STOT-single exposure**

Based on the available data on component substances, the classification criteria for specific target organ toxicity as a result of a single exposure are not met.

**(i) STOT-repeated exposure**

Based on the available data on component substances, the classification criteria for specific target organ toxicity as a result of repeated exposure are not met.

**(j) Aspiration hazard**

Based on the available data on component substances, the classification criteria for aspiration hazard are not met.

**Other information**

No applicable toxicity data. No known significant effects or critical hazards.

**SECTION 12: Ecological information**

**12.1 Toxicity**

No data is available on the product. Based on the hazardous substances in the mixture and their concentration the product has been assessed according to the calculation method of Regulation (EC) 1272/2008 (as amended).

The product is very toxic to aquatic life with long lasting effects. .

**12.2 Persistence and degradability**

Substance	Biodegradability
Quaternary ammonium compounds, benzyl (C12-C16) alkyl dimethyl, chlorides	Biodegradable
2-Aminoethanol	Readily biodegradable
Didecyldimethylammonium chloride	Biodegradable

**12.3 Bioaccumulative potential**

Substance	Bioaccumulative potential
Didecyldimethylammonium chloride	Not expected to bioaccumulate
Quaternary ammonium compounds, benzyl (C12-C16) alkyl dimethyl, chlorides	Not expected to bioaccumulate
2-Aminoethanol	Low potential to bioaccumulate

**12.4 Mobility in soil**

No information.

**12.5 Results of PBT and vPvB assessment**

This mixture does not contain any substances that are assessed to be PBT or vPvB.

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**12.6 Other adverse effects**

No known other adverse effects.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Methods of disposal :**

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**Hazardous waste :**

The classification of the product may meet the criteria for a hazardous waste.

**SECTION 14: Transport information**

**14.1 UN number**

ADR	1719
RID	1719
ADN/ADNR	1719
ICAO/IATA	1719
IMO/IMDG	1719

**14.2 UN proper shipping name**

	<b>UN proper shipping name</b>	<b>Technical name</b>
ADR	CAUSTIC ALKALI LIQUID, N.O.S.	CAUSTIC ALKALI LIQUID, N.O.S. (Quaternary ammonium compounds, benzyl (C12-C16) alkyl dimethyl, chlorides)
RID	CAUSTIC ALKALI LIQUID, N.O.S.	CAUSTIC ALKALI LIQUID, N.O.S. (Quaternary ammonium compounds, benzyl (C12-C16) alkyl dimethyl, chlorides)
ADN/ADNR	CAUSTIC ALKALI LIQUID, N.O.S.	CAUSTIC ALKALI LIQUID, N.O.S. (Quaternary ammonium compounds, benzyl (C12-C16) alkyl dimethyl, chlorides)
ICAO/IATA	CAUSTIC ALKALI LIQUID, N.O.S.	CAUSTIC ALKALI LIQUID, N.O.S. (Quaternary ammonium compounds, benzyl (C12-C16) alkyl dimethyl, chlorides)
IMO/IMDG	CAUSTIC ALKALI LIQUID, N.O.S.	CAUSTIC ALKALI LIQUID, N.O.S. (Quaternary ammonium compounds, benzyl (C12-C16) alkyl dimethyl, chlorides)

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**14.3 Transport hazard class(es)**

ADR	8
RID	8
ADN/ADNR	8
ICAO/IATA	8
IMO/IMDG	8

**14.4 Packing group**

ADR	III
RID	III
ADN/ADNR	III
ICAO/IATA	III
IMO/IMDG	III

**14.5 Environmental hazards**

Environmentally hazardous and/or Marine Pollutant : **Yes**



**14.6 Special precautions for user**

Warning: Corrosive substances.

Kemler Number: 80.

EMS Number: F-A, S-B.

Segregation groups: Alkalis.

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

**Transport/Additional Information:**

**ADR**

Limited quantities (LQ): 5L

UN "Model Regulation" UN1719, CAUSTIC ALKALI LIQUID, N.O.S.  
(SODIUM HYDROXIDE, Quaternary ammonium compounds, benzyl (C12-C16) alkyl dimethyl, chlorides), ENVIRONMENTALLY HAZARDOUS, 8, II.

**SECTION 15: Regulatory information**

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

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**EU regulations**

**CLP** – Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures.

**REACH Status**

The substance(s) in this product has (have) been pre-registered, registered or are exempt according to Regulation (EC) No. 1907/2006 (REACH).

**SEVESO II Directive 96/82/EC (as amended).**

**Detergent Regulation [Regulation (EC) No 648/2004]**

Product ingredients include:-

- 5-15 w%
  - Disinfectant, cationic surfactants
    - Quaternary ammonium compounds, benzyl (C12-C16) alkyldimethyl, chlorides
    - Didecyldimethyl ammonium chloride

**UK Regulations**

COSHH – Control of Substances Hazardous to Health Regulations 2002 (as amended).

COMAH – Control of Major Accidents Hazards Regulations 1999 (as amended).




CHIP – The Chemical (Hazard Information and Packaging for Supply) Regulations 2009

**15.2 Chemical safety assessment**

Chemical safety assessments have been completed by the substance Registrants for some of the components of this product.

**SECTION 16: Other information**

**Labelling according to Directive 1999/45/EC**

<b>Symbols</b>			
<b>Indication of Danger</b>	Corrosive.	Harmful	Dangerous for the environment
<b>Risk Phrases</b>	R22	Harmful if swallowed.	
	R34	Causes burns.	
	R50	Very toxic to aquatic organisms.	
<b>Safety Phrases</b>	S23	Do not breathe gas/fumes/vapour/spray.	
	S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.	
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.	
	S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).	
	S46	If swallowed, seek medical advice immediately and show this container or label.	
	S27/28	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.	
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.		

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**Full text of abbreviated H statements**

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.
H314	Causes severe burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

**Full text of classifications (CLP)**

Acute toxicity, Category 4; H302, H312, H332  
 Skin corrosion, Category 1B; H314  
 Eye Damage, Category 1, H318  
 Eye Irritant, Category 2, H319  
 Skin Irritant, Category 2; H315  
 STOT- Single Exposure, Category 3; H373  
 Aquatic acute, Category 1; H400  
 Aquatic chronic, Category 1; H410  
 Aquatic chronic, Category 2; H411

**Full text of abbreviated R phrases**

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R22	Harmful if swallowed.
R34	Causes burns.
R36/37/38	Irritating to eyes, respiratory system and skin.
R36	Irritating to eyes
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R50	Very toxic to aquatic organisms.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Full text of classification (DSD/DPD)**

Xn	Harmful
Xi	Irritant
C	Corrosive
N	Dangerous for the environment

**Other abbreviations**

PBT : Persistent, bioaccumulative and toxic.  
 vPvB : Very persistent and very bioaccumulative.

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<b>History</b>	
Date of printing	
Date of issue/Date of revision	24/07/2015
Date of previous issue	08/06/2015
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**Note (1)** – version 01 SDS for CLP/GHS compliant product labelling.

***Safety Data Sheet complied according to Regulation (EC) No. 1907 (as Amended).***

**Notice to readers**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.