



**MATERIAL SAFETY DATA SHEET**  
**Foaming Pre Spray**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

**Product Name** Foaming Pre Spray

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

**Application:** Car maintenance product. - Traffic Film Remover  
**Uses Advised Against** For professional use only. This product is not recommended for any industrial, professional or consumer use other than the Identified uses above.

**1.3. Details of the supplier of the safety data sheet**

**Supplier** Autosmart Australia  
11 Darrambal Close  
Rathmines  
NSW 2283  
Australia  
www.autosmartinternational.com  
Tel: 02 49 75 14 88 (Mon to Fri, 08:00 - 16:00 AEST) (General Information. Transport Information. Mild Medical Information)  
autosmart@autosmartaustralia.com.au  
**Contact Person** Mr. Russell Butler

**1.4. Emergency telephone number**

Emergency No: +44 7808 971321 (24hrs) (Autosmart International, UK)  
General Information. Transport Information. Mild medical Information:-  
Tel: 02 49 75 14 88 (Mon to Fri, 08:00 - 16:00 AEST)

**SECTION 2: HAZARDS IDENTIFICATION**

**Risk Phrases**

R36/38 Irritating to eyes and skin.

**Safety Phrases**

S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S37 Wear suitable gloves.

**2.1. Classification of the substance or mixture**

**Human health**

Corrosive. Prolonged contact causes serious eye and tissue damage.

**2.2. Label elements**

**Detergent Labelling:**

< 5% amphoteric surfactants  
NTA (nitrilotriacetic acid) and salts thereof  
anionic surfactants

**Labelling**



Irritant

**Risk Phrases**

R36/38 Irritating to eyes and skin.

## Foaming Pre Spray

### Safety Phrases

S24/25 S26  S37	Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves.
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### 2.3. Other hazards

This product does not contain any PBT or vPvB Substances.

#### Statement Of Hazardous Nature

HAZARDOUS SUBSTANCE (According to criteria of NOHSC). NON-DANGEROUS GOODS (According to ADG Code).

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

<b>2-(2-BUTOXYETHOXY)ETHANOL</b>	<b>2-5%</b>
CAS-No.: 112-34-5	EC No.: 203-961-6
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548) Xi;R36
<b>Trisodium Nitritotriacetate</b>	<b>1-2%</b>
CAS-No.: 5064-31-3	EC No.: 225-768-6
	Registration Number: 01-2119519239-36-xxxx
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Irrit. 2 - H319 Carc. 2 - H351	Classification (67/548) Carc. Cat. 3;R40 Xn;R22 Xi;R36
<b>SODIUM ALKYL ETHOXY SULPHATE</b>	<b>1-2%</b>
CAS-No.: 68585-34-2	EC No.:
Classification (EC 1272/2008) Not classified.	Classification (67/548) Xi;R36/38.
<b>β-Alanine, N-coco alkyl derivs., sodium salts</b>	<b>0.7-1.0%</b>
CAS-No.: 68608-68-4	EC No.: 271-795-1
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548) Xi;R36.
<b>SODIUM HYDROXIDE</b>	<b>0.7-1.0%</b>
CAS-No.: 1310-73-2	EC No.: 215-185-5
	Registration Number: 01-2119457892-27-xxxx
<b>Substance with a Community workplace exposure limit.</b>	
Classification (EC 1272/2008) Met. Corr. 1 - H290 Skin Corr. 1A - H314	Classification (67/548) C;R35

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

## Foaming Pre Spray

### Susdp First Aid Instructions

For advice, contact a Poisons Information Centre (Phone 13 1126) or a doctor.

If swallowed, do NOT induce vomiting.

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

### 4.1. Description of first aid measures

#### General information

CAUTION! First aid personnel must be aware of own risk during rescue!

#### Inhalation

Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.

#### Ingestion

Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

#### Skin contact

Promptly wash contaminated skin with water. Promptly remove clothing if soaked through and wash the skin with water. Get medical attention if any discomfort continues.

#### Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Obtain medical attention and bring these instructions.

### 4.2. Most important symptoms and effects, both acute and delayed

#### General information

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

#### Inhalation

Coughing, chest tightness, feeling of chest pressure.

#### Ingestion

May cause chemical burns in mouth and throat. May cause discomfort if swallowed. May cause stomach pain or vomiting.

#### Skin contact

Burning pain and severe corrosive skin damage. May cause serious chemical burns to the skin.

#### Eye contact

May cause blurred vision and serious eye damage. Extreme irritation of eyes and mucous membranes, including burning and tearing.

### 4.3. Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

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

#### Hazardous Combustion Products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

#### Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

#### Specific hazards

The product is non-combustible. If heated, irritating vapours may be formed. Acrid smoke/fumes of: Oxides of: Carbon. Nitrogen.

### 5.3. Advice for firefighters

#### Special Fire Fighting Procedures

Avoid breathing fire vapours. Keep run-off water out of sewers and water sources. Dike for water control. If risk of water pollution occurs, notify appropriate authorities.

#### Protective equipment for fire-fighters

Face mask, protective gloves and safety helmet. Use protective equipment appropriate for surrounding materials.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8.

## Foaming Pre Spray

### 6.2. Environmental precautions

Do not discharge onto the ground or into water courses. To prevent release, place container with damaged side up. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

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

Wear necessary protective equipment. Stop leak if possible without risk. Dike far ahead of larger spills for later disposal. Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery. Flush to sewer if local regulations permit. Wash thoroughly after dealing with a spillage.

### 6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Read and follow manufacturer's recommendations. Eye wash facilities and emergency shower must be available when handling this product. Observe good chemical hygiene practices.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Keep above the chemical's freezing point to avoid rupturing the container.

#### Storage Class

Chemical storage.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min	Notes
SODIUM HYDROXIDE	NOHSC			2 mg/m3	Peak limitation

NOHSC = The National Occupational Health and Safety Commission.

#### SODIUM HYDROXIDE (CAS: 1310-73-2)

##### DNEL

Consumer	Inhalation.	Short Term	1	mg/m3
Industry	Inhalation.	Short Term	1	mg/m3
Industry	Inhalation.	Long Term	1	mg/m3

#### Trisodium Nitrotriacetate (CAS: 5064-31-3)

##### Ingredient Comments

No exposure limits noted for ingredient(s).

##### DNEL

Industry	Inhalation.	Short Term	5.25	mg/m3
Industry	Inhalation.	Long Term	3.5	mg/m3
Consumer	Inhalation.	Short Term	1.75	mg/m3
Consumer	Inhalation.	Long Term	0.5	mg/kg/day

##### PNEC

Freshwater	0.93	mg/l
Marinewater	0.093	mg/l
STP	540	mg/l
Sediment	3.64	mg/kg
Soil	0.182	mg/kg

#### SODIUM ALKYL ETHOXY SULPHATE (CAS: 68585-34-2)

##### Ingredient Comments

No exposure limits noted for ingredient(s).

#### $\beta$ -Alanine, N-coco alkyl derivs., sodium salts (CAS: 68608-68-4)

##### Ingredient Comments

No exposure limits noted for ingredient(s).

### 8.2. Exposure controls

## Foaming Pre Spray

### Protective equipment



### Process Conditions

Provide eyewash station.

### Engineering measures

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

### Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with combination filter (type A2/P3).

### Hand protection

Use protective gloves made of: Polyvinyl chloride (PVC). Rubber (natural, latex). Neoprene. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

### Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

### Other Protection

Provide eyewash station. Wear appropriate clothing to prevent any possibility of skin contact.

### Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Use appropriate hand lotion to prevent defatting and cracking of skin. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

### Skin protection

Wear apron or protective clothing in case of splashes.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Light (or pale).
<b>Odour</b>	Mild.
<b>Solubility</b>	Soluble in water. Miscible with water
<b>Boiling Point (°C)</b>	~ 100 760 mm Hg
<b>Melting point (°C)</b>	~ 0
<b>Relative density</b>	~ 1.050 @ 20 °c
<b>Vapour density (air=1)</b>	Not applicable.
<b>Vapour pressure</b>	Not applicable.
<b>Evaporation rate</b>	Not available.
<b>pH-Value, Conc. Solution</b>	~ 12.
<b>pH-Value, Diluted Solution</b>	~10. @ 1%
<b>Viscosity</b>	~ 1 cSt @ 20 °c
<b>Decomposition temperature (°C)</b>	Not available.
<b>Odour Threshold, Lower</b>	Not available.
<b>Odour Threshold, Upper</b>	Not available.
<b>Flash point (°C)</b>	Not applicable.
<b>Auto Ignition Temperature (°C)</b>	Not applicable.
<b>Flammability Limit - Lower(%)</b>	Not applicable.

## Foaming Pre Spray

### Flammability Limit - Upper(%)

Not applicable.

**Partition Coefficient  
(N-Octanol/Water)** < 0

### Oxidising properties

Does not meet the criteria for oxidising.

**Other Information** Information declared as "Not available" or "Not applicable" is not considered to be justified for enabling proper control measures to be taken.

## 9.2. Other information

**Volatile Organic Compound (VOC)** 0 g/litre

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

#### Hazardous Polymerisation

Will not polymerise.

### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

#### Materials To Avoid

Strong oxidising substances. Strong acids.

### 10.6. Hazardous decomposition products

No specific hazardous decomposition products noted.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Skin Corrosion/Irritation

##### Human Skin Model Test

Scientifically unjustified.

##### Extreme pH

pH  $\geq$  11.5

Classification based on Conventional Method, and In Vitro Approaches - Corrosive or Irritant by measuring pH and Acid/Alkali Reserve.

Irritating.

#### General information

This product has low toxicity. Only large volumes may have adverse impact on human health.

#### Inhalation

May cause irritation to the respiratory system.

#### Ingestion

Swallowing concentrated chemical may cause severe internal injury. May cause chemical burns in mouth, oesophagus and stomach.

#### Skin contact

Corrosive. Prolonged contact causes serious tissue damage.

#### Eye contact

Contact with concentrated chemical may very rapidly cause severe eye damage, possibly loss of sight.

## Foaming Pre Spray

### Route of entry

Ingestion. Skin and/or eye contact.

### Medical Symptoms

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

#### Toxicological Information on Ingredients:

##### SODIUM HYDROXIDE (CAS: 1310-73-2)

#### Toxic Dose 1 - LD 50

40 mg/kg (oral-mouse)

#### Other Health Effects

This substance has no evidence of carcinogenic properties.

#### Acute toxicity:

#### Acute Toxicity (Oral LD50)

2000 mg/kg Rat

#### Specific Target Organ Toxicity - Single Exposure

Not classified as a specific target organ toxicant after a single exposure.

#### Specific Target Organ Toxicity - Repeated Exposure

Not classified as a specific target organ toxicant after repeated exposure.

#### Aspiration Hazard

Not anticipated to present an aspiration hazard based on chemical structure.

#### Skin contact

Not a skin sensitiser.

#### Route of entry

Skin absorption. Ingestion. Skin and/or eye contact.

#### Target Organs

No specific target organs noted

##### 2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)

#### Toxic Dose 1 - LD 50

5660 mg/kg (oral rat)

#### Other Health Effects

This substance has no evidence of carcinogenic properties.

##### Trisodium Nitrotriacetate (CAS: 5064-31-3)

#### Toxic Dose 1 - LD 50

1000-2000 mg/kg (oral rat)

#### Toxicological information

Nitrotriacetic acid, trisodium salt (NTA) has caused kidney tumours in rats and mice when administered orally in high concentrations. The tumours are based on organ damage that can only occur when extremely high threshold limit concentrations, as compared with possible human exposure, are exceeded. In view of the potential degree of exposure, there should be no cancer risk to humans.

#### Carcinogenicity

Limited evidence of a carcinogenic effect.

##### β-Alanine, N-coco alkyl derivs., sodium salts (CAS: 68608-68-4)

#### Other Health Effects

This substance has no evidence of carcinogenic properties.

#### Acute toxicity:

#### Acute Toxicity (Oral LD50)

> 5000 mg/kg Rat

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms. The product is not expected to be hazardous to waste water treatment processes. The product does not contain organic complexing agents with a DOC level of degradation of < 80% after 28 days. The product does not contain organically bound halogen.

## Foaming Pre Spray

### Ecological Information on Ingredients:

#### SODIUM HYDROXIDE (CAS: 1310-73-2)

##### Ecotoxicity

The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

#### 2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)

##### Ecotoxicity

The product is not expected to be toxic to aquatic organisms.

### 12.1. Toxicity

#### Acute Toxicity - Fish

Not determined.

#### Acute Toxicity Aquatic Invertebrates

Not determined.

#### Acute Toxicity - Aquatic Plants

Not determined.

#### Acute Toxicity - Microorganisms

Not determined.

#### Acute Toxicity - Terrestrial

Not determined.

### Ecological Information on Ingredients:

#### SODIUM HYDROXIDE (CAS: 1310-73-2)

##### LC 50, 96 Hrs, Fish mg/l

125

LC50 48 hours ~ 189 mg/l *Leuciscus idus* (Golden orfe)

##### EC 50, 48 Hrs, Daphnia, mg/l

40-240

##### Acute Toxicity Aquatic Invertebrates

EC50 48 hours > 100 mg/l *Daphnia magna*

##### Acute Toxicity - Aquatic Plants

Not known.

#### Trisodium Nitritotriacetate (CAS: 5064-31-3)

##### LC 50, 96 Hrs, Fish mg/l

114-470

##### EC 50, 48 Hrs, Daphnia, mg/l

560-1, 000

##### IC 50, 72 Hrs, Algae, mg/l

180-320

#### $\beta$ -Alanine, N-coco alkyl derivs., sodium salts (CAS: 68608-68-4)

##### EC 50, 48 Hrs, Daphnia, mg/l

97

##### IC 50, 72 Hrs, Algae, mg/l

31

### 12.2. Persistence and degradability

#### Degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. The product is biodegradable, but it must not be discharged into drains without permission from the authorities.



## Foaming Pre Spray

### Ecological Information on Ingredients:

#### Degradability

The product is biodegradable.

#### Stability (Hydrolysis)

Not applicable.

#### Biological Oxygen Demand

~ 0 g O<sub>2</sub>/g substance

#### SODIUM HYDROXIDE (CAS: 1310-73-2)

#### Degradability

The product is biodegradable.

#### Trisodium Nitrilotriacetate (CAS: 5064-31-3)

#### Degradability

The product is biodegradable.

#### β-Alanine, N-coco alkyl derivs., sodium salts (CAS: 68608-68-4)

#### Degradability

The product is biodegradable.

### 12.3. Bioaccumulative potential

#### Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

Partition coefficient < 0

### Ecological Information on Ingredients:

#### SODIUM HYDROXIDE (CAS: 1310-73-2)

#### Bioaccumulative potential

The product is not bioaccumulating.

#### 2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)

#### Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

#### Trisodium Nitrilotriacetate (CAS: 5064-31-3)

#### Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

#### β-Alanine, N-coco alkyl derivs., sodium salts (CAS: 68608-68-4)

#### Bioaccumulative potential

The product is not bioaccumulating.

### 12.4. Mobility in soil

#### Mobility:

The product is soluble in water.

### Ecological Information on Ingredients:

#### SODIUM HYDROXIDE (CAS: 1310-73-2)

#### Mobility:

The product is soluble in water.

#### Henry's Law Constant

Not Applicable - Inorganic chemical.

#### Trisodium Nitrilotriacetate (CAS: 5064-31-3)

#### Mobility:

The product is soluble in water.

#### β-Alanine, N-coco alkyl derivs., sodium salts (CAS: 68608-68-4)

#### Mobility:

The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB Substances.

# Foaming Pre Spray

## Ecological Information on Ingredients:

### SODIUM HYDROXIDE (CAS: 1310-73-2)

Not Classified as PBT/vPvB by current EU criteria.

#### **12.6. Other adverse effects**

Not applicable.

## SECTION 13: DISPOSAL CONSIDERATIONS

### **General information**

The packaging must be empty (drop-free, when inverted).

#### **13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical. Small amounts may be flushed with water to sewer. Larger volumes must be sent to approved plant for destruction.

## SECTION 14: TRANSPORT INFORMATION

### **General**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADG).

#### **14.1. UN number**

Not applicable.

#### **14.2. UN proper shipping name**

Not applicable.

#### **14.3. Transport hazard class(es)**

### **Transport Labels**

No transport warning sign required.

#### **14.4. Packing group**

Not applicable.

#### **14.5. Environmental hazards**

### **Environmentally Hazardous Substance/Marine Pollutant**

No.

#### **14.6. Special precautions for user**

Not applicable.

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

Not applicable.

## SECTION 15: REGULATORY INFORMATION

**Poisons Schedule Number** 5

### **National Regulations And References**

The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP). National Code of Practice for the Preparation of Material Safety Data Sheets. Approved Criteria for Classifying Hazardous Substances. Exposure Standards for Atmospheric Contaminants in the Occupational Environment. Guidance Note on the Interpretation of Exposure Standards for Atmospheric Contaminants in the Occupational Environment. National Code of Practice for the Labelling of Workplace Substances. National Model Regulations for the Control of Workplace Hazardous Substances. National Code of Practice for the Control of Workplace Hazardous Substances. National Standard for the Storage and Handling of Workplace Dangerous Goods. National Code of Practice for the Storage and Handling of Workplace Dangerous Goods. Guidance Note for Placarding Stores for Dangerous Goods and Specified Hazardous Substances. Guidance Note for the Assessment of Health Risks Arising from Hazardous Substances in the Workplace. National Standard for the Control of Major Hazard Facilities. National Code of Practice for the Control of Major Hazard Facilities.

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

## Foaming Pre Spray

### EU Legislation

Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

### Health And Environmental Listings

Regulation EC 689/2008 concerning the export and import of dangerous chemicals.

### Water hazard classification

WGK 1

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

### General information

Only trained personnel should use this material.

### Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

**Revision Date** 08/10/2013

**Revision** 2

**Supersedes date** 21/03/2012

### Risk Phrases In Full

R35	Causes severe burns.
R22	Harmful if swallowed.
R36/38	Irritating to eyes and skin.
R36	Irritating to eyes.
R40	Limited evidence of a carcinogenic effect.

### Hazard Statements In Full

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H351	Suspected of causing cancer.

### Disclaimer

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.