



## SAFETY DATA SHEET

### Truckwash 66

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.

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

##### 1.1. Product identifier

Product name	Truckwash 66
Product number	346-21
UFI	UFI: FG8W-G067-R006-6GE2

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

Identified uses	Cleaning agent. - 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 International Ltd Lynn Lane Shenstone, nr Lichfield Staffordshire. WS14 0DH England <a href="http://www.autosmartinternational.com">www.autosmartinternational.com</a> Tel: +44 (0) 1543 481616 (09:00 - 17:00) <a href="mailto:SHREQ@autosmart.co.uk">SHREQ@autosmart.co.uk</a>
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Contact person	Mr. Russell Butler
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Manufacturer	Autosmart International Ltd. Lynn Lane Shenstone, nr Lichfield Staffordshire WS14 0DH Great Britain <a href="http://www.autosmartinternational.com">www.autosmartinternational.com</a> Tel: +44 (0) 1543 481616 (09:00 - 17:00) Fax: +44 (0) 1543 481549 (09:00 - 17:00) <a href="mailto:info@autosmartinternational.com">info@autosmartinternational.com</a>
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##### 1.4. Emergency telephone number

Emergency telephone	NCEC - For Chemical Emergency Support ONLY (spill, leak, fire, exposure or accident), Call NCEC at +44 1865 407333 (24Hrs UK) when calling please quote "AUTOSMART 29003-NCEC"
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If you urgently need medical help or advice but it's not a life-threatening situation, call 111 free from any phone to speak to an NHS adviser. The 24-hour NHS 111 service can give you healthcare advice or direct you to the local service that can help you best.

#### SECTION 2: Hazards identification

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

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### Classification (SI 2019 No. 720)

<b>Physical hazards</b>	Met. Corr. 1 - H290
<b>Health hazards</b>	Skin Corr. 1B - H314 Eye Dam. 1 - H318
<b>Environmental hazards</b>	Not Classified

**Human health** Corrosive to skin and eyes.

### 2.2. Label elements

#### Hazard pictograms



**Signal word** Danger

**Hazard statements** H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.

**Precautionary statements** P260 Do not breathe vapour/ spray.  
P264 Wash contaminated skin thoroughly after handling.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P362+P364 Take off contaminated clothing and wash it before reuse.

**UFI** UFI: FG8W-G067-R006-6GE2

**Contains** sodium hydroxide, C9-C11 Alcohol ethoxylate (6), 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

**Detergent labelling** < 5% NTA (nitrilotriacetic acid) and salts thereof, < 5% non-ionic surfactants, < 5% amphoteric surfactants, < 5% amphoteric surfactants, < 5% anionic surfactants

**Supplementary precautionary statements** P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P363 Wash contaminated clothing before reuse.  
P390 Absorb spillage to prevent material damage.  
P405 Store locked up.  
P406 Store in a corrosion-resistant/... container with a resistant inner liner.  
P501 Dispose of contents/ container in accordance with national regulations.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

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<b>trisodium nitrilotriacetate</b> <span style="float: right;">3&lt;5%</span> CAS number: 5064-31-3                      EC number: 225-768-6
<b>Classification</b> Acute Tox. 4 - H302 Eye Irrit. 2 - H319 Carc. 2 - H351
<b>sodium hydroxide</b> <span style="float: right;">3&lt;5%</span> CAS number: 1310-73-2                      EC number: 215-185-5 Substance with a Community workplace exposure limit.
<b>Classification</b> Met. Corr. 1 - H290 Skin Corr. 1A - H314 Eye Dam. 1 - H318
<b>C9-C11 Alcohol ethoxylate (6)</b> <span style="float: right;">2&lt;3%</span> CAS number: 68439-46-3                      EC number: 614-482-0
<b>Classification</b> Acute Tox. 4 - H302 Eye Dam. 1 - H318
<b>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts</b> <span style="float: right;">1&lt;1.25%</span> CAS number: 97862-59-4                      EC number: 931-296-8
<b>Classification</b> Eye Dam. 1 - H318 Aquatic Chronic 3 - H412

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	CAUTION! First aid personnel must be aware of own risk during rescue!
<b>Inhalation</b>	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel. Never give anything by mouth to an unconscious person. Do not induce vomiting.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

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**Eye contact** Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

**General information** The severity of the symptoms described will vary dependent on 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. Severe irritation, burning and tearing.

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

**Notes for the doctor** No specific recommendations. If in doubt, get medical attention promptly.

## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

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

**Specific hazards** Oxides of the following substances: Carbon. Nitrogen. No unusual fire or explosion hazards noted.

**Hazardous combustion products** Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### 5.3. Advice for firefighters

**Protective actions during firefighting** No specific firefighting precautions known.

**Special protective equipment for firefighters** Use air-supplied respirator, gloves and protective goggles. Use protective equipment appropriate for surrounding materials.

## **SECTION 6: Accidental release measures**

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

**Personal precautions** For personal protection, see Section 8.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground. To prevent release, place container with damaged side up. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

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

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**Methods for cleaning up** Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Stop leak if possible without risk. Wash thoroughly after dealing with a spillage. 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 contaminated area with plenty of water. Take care as floors and other surfaces may become slippery. Flush contaminated area with plenty of water. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer.

### 6.4. Reference to other sections

**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

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes. Read and follow manufacturer's recommendations. Eye wash facilities and emergency shower must be available when handling this product.

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

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container. Store in closed original container at temperatures between 5°C and 25°C. Keep above the chemical's freezing point to avoid rupturing the container.

**Storage class** Corrosive storage.

### 7.3. Specific end use(s)

**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

#### Occupational exposure limits

##### sodium hydroxide

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

#### trisodium nitrilotriacetate (CAS: 5064-31-3)

<b>Ingredient comments</b>	No exposure limits known for ingredient(s).
<b>DNEL</b>	Industry - Inhalation; Short term : 5.25 mg/m <sup>3</sup> Industry - Inhalation; Long term : 3.5 mg/m <sup>3</sup> Consumer - Inhalation; Short term : 1.75 mg/m <sup>3</sup> Consumer - Inhalation; Long term : 0.5 mg/kg/day
<b>PNEC</b>	- Fresh water; 0.93 mg/l - marine water; 0.093 mg/l - STP; 540 mg/l - Sediment; 3.64 mg/kg - Soil; 0.182 mg/kg

#### sodium hydroxide (CAS: 1310-73-2)

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**DNEL**  
 Consumer - Inhalation; Short term : 1 mg/m<sup>3</sup>  
 Industry - Inhalation; Short term : 1 mg/m<sup>3</sup>  
 Industry - Inhalation; Long term : 1 mg/m<sup>3</sup>

### C9-C11 Alcohol ethoxylate (6) (CAS: 68439-46-3)

**Ingredient comments** No exposure limits known for ingredient(s).

### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts (CAS: 97862-59-4)

**Ingredient comments** No exposure limits known for ingredient(s).

**DNEL**  
 Professional - Dermal; systemic effects: 12.5 mg/kg/day  
 Professional - Inhalation; systemic effects: 44 mg/m<sup>3</sup>  
 Consumer - Dermal; systemic effects: 7.5 mg/kg/day  
 Consumer - Oral; systemic effects: 7.5 mg/kg/day

**PNEC**  
 - Fresh water; 0.0135 mg/l  
 - marine water; 0.00135 mg/l  
 - Sediment (Freshwater); 1 mg/kg  
 - Sediment (Marinewater); 0.1 mg/kg  
 - Soil; 0.8 mg/kg  
 - STP; 3000 mg/l

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

No specific ventilation requirements. This product must not be handled in a confined space without adequate ventilation.

### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment that provides appropriate eye and face protection should be worn. Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

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### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. The breakthrough time for any glove material may be different for different glove manufacturers. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended. The choice of protective gloves depends upon the chemicals being handled, and the conditions of work and use. When used with mixtures, the protection time of gloves cannot be accurately estimated. Gloves made from the following material may provide suitable chemical protection: Nitrile rubber. Thickness: > 0.2 mm The selected gloves should have a breakthrough time of at least 0.5 hours. Glove thickness is not necessarily a good measure of glove resistance as the permeation rate will depend on the exact glove composition. Repeated exposure to chemicals will degrade the ability of the glove to provide resistance to chemicals. Specific work environments and material handling practices may vary, therefore safety procedures should be developed for each intended application. Use thin cotton gloves inside natural rubber gloves if there is an allergy risk to natural rubber.

### Other skin and body protection

Provide eyewash station. Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

### Hygiene measures

Provide eyewash station. Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes 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.

### Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Combination filter, type A2/P3.

## SECTION 9: Physical and chemical properties

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

Appearance	Liquid.
Colour	Clear liquid.
Odour	Mild.
Odour threshold	Not available. Not available.
pH	pH (concentrated solution): ~ 12.9 pH (diluted solution): ~ 11.7 @ 1%
Melting point	~ 0°C
Initial boiling point and range	~ 100°C @ 760 mm Hg
Flash point	Not applicable.
Evaporation rate	Not available.
Upper/lower flammability or explosive limits	Not applicable. : : Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	~1.075 @ 20°C

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<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	: < 0
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	~ 1 cSt @ 20°C
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.
<b>Comments</b>	Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

### 9.2. Other information

<b>Volatile organic compound</b>	This product contains a maximum VOC content of 0 g/litre.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Not applicable. Will not polymerise.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid exposure to high temperatures or direct sunlight. Avoid freezing.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	Strong oxidising agents. Strong acids.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	No known hazardous decomposition products.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

<b>ATE oral (mg/kg)</b>	7,122.51
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#### Skin corrosion/irritation

<b>Human skin model test</b>	Scientifically unjustified.
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<b>Extreme pH</b>	≥ 11.5 Classification based on Conventional Method, and In Vitro Approaches - Corrosive or Irritant by measuring pH and Acid/Alkali Reserve. Corrosive
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<b>General information</b>	This product has low toxicity. Only large quantities are likely to have adverse effects on human health.
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<b>Inhalation</b>	Vapour may irritate respiratory system/lungs.
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<b>Ingestion</b>	Causes burns.
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<b>Skin contact</b>	Causes burns.
<b>Eye contact</b>	Causes burns.
<b>Acute and chronic health hazards</b>	This product is corrosive. This product may cause skin and eye irritation. Prolonged contact may cause burns. This product is corrosive.
<b>Route of exposure</b>	Skin and/or eye contact Ingestion.
<b>Target organs</b>	No specific target organs known.
<b>Medical symptoms</b>	No specific symptoms known.

### Toxicological information on ingredients.

#### trisodium nitrilotriacetate

<b>Toxicological effects</b>	Nitrilotriacetic 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.
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#### Acute toxicity - oral

<b>ATE oral (mg/kg)</b>	500.0
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#### Carcinogenicity

<b>Carcinogenicity</b>	Limited evidence of a carcinogenic effect.
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#### sodium hydroxide

<b>Other health effects</b>	There is no evidence that the product can cause cancer.
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#### Specific target organ toxicity - single exposure

<b>STOT - single exposure</b>	Not classified as a specific target organ toxicant after a single exposure.
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#### Specific target organ toxicity - repeated exposure

<b>STOT - repeated exposure</b>	Not classified as a specific target organ toxicant after repeated exposure.
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#### Aspiration hazard

<b>Aspiration hazard</b>	Not anticipated to present an aspiration hazard, based on chemical structure.
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<b>Route of exposure</b>	Skin absorption Ingestion Skin and/or eye contact
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<b>Target organs</b>	No specific target organs known.
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#### C9-C11 Alcohol ethoxylate (6)

<b>Other health effects</b>	There is no evidence that the product can cause cancer.
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#### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

<b>Other health effects</b>	There is no evidence that the product can cause cancer.
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#### Acute toxicity - oral

<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	7,783.0
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**Species** Rat

### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub>)** 2,066.0 mg/kg

**Species** Rat

### Skin sensitisation

**Skin sensitisation** Not sensitising.

### Reproductive toxicity

**Reproductive toxicity - development** Developmental toxicity: - NOAEL: 1,000 mg/kg, Oral, Rat

### Specific target organ toxicity - single exposure

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

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** NOAEL 300 mg/kg, Oral, Rat Not classified as a specific target organ toxicant after repeated exposure.

## SECTION 12: Ecological information

**Ecotoxicity** The product is not expected to be toxic to aquatic organisms. The product is not expected to be hazardous to wastewater treatment processes. The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

### Ecological information on ingredients.

#### sodium hydroxide

**Ecotoxicity** The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

#### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

**Ecotoxicity** Harmful to aquatic life.

### 12.1. Toxicity

#### Acute aquatic 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.

#### trisodium nitrilotriacetate

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### Acute aquatic toxicity

Acute toxicity - fish	LC <sub>50</sub> , 96 hours: 114-470 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: 560-1,000 mg/l, Daphnia magna
Acute toxicity - aquatic plants	IC <sub>50</sub> , 72 hours: 180-320 mg/l, Algae

### sodium hydroxide

### Acute aquatic toxicity

Acute toxicity - fish	LC <sub>50</sub> , 48 hours: ~ 189 mg/l, Leuciscus idus (Golden orfe) LC <sub>50</sub> , 96 hours: 125 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: > 100 mg/l, Daphnia magna EC <sub>50</sub> , 48 hours: 40-240 mg/l, Daphnia magna
Acute toxicity - aquatic plants	Not known.

### C9-C11 Alcohol ethoxylate (6)

### Acute aquatic toxicity

Acute toxicity - fish	LC <sub>50</sub> , 96 hours: 10 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: 10 mg/l, Daphnia magna
Acute toxicity - aquatic plants	IC <sub>50</sub> , 72 hours: 10 mg/l, Algae

### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

### Acute aquatic toxicity

Acute toxicity - fish	LC <sub>50</sub> , 96 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: 1.9 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC <sub>50</sub> , 72 hours: 2.4 mg/l, Freshwater algae
Acute toxicity - microorganisms	EC <sub>0</sub> , : 3,000 mg/l, Activated sludge

### Chronic aquatic toxicity

Chronic toxicity - fish early life stage	NOEC, : 0.135 mg/l, Oncorhynchus mykiss (Rainbow trout)
Chronic toxicity - aquatic invertebrates	NOEC, : 0.3 mg/l, Daphnia magna

## 12.2. Persistence and degradability

**Persistence and degradability** The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended). The product is biodegradable but it must not be discharged into drains without permission from the authorities.

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### Ecological information on ingredients.

#### trisodium nitrilotriacetate

**Persistence and degradability** The product is biodegradable.

#### sodium hydroxide

**Persistence and degradability** The product contains only inorganic substances which are not biodegradable. The product is potentially degradable.

**Stability (hydrolysis)** Not applicable.

**Biological oxygen demand** ~ 0 g O<sub>2</sub>/g substance

#### C9-C11 Alcohol ethoxylate (6)

**Persistence and degradability** The product is biodegradable. This surfactant complies with the biodegradability criteria as laid down in The Detergents Regulations (as amended).

#### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

**Persistence and 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.

#### trisodium nitrilotriacetate

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

#### sodium hydroxide

**Bioaccumulative potential** The product is not bioaccumulating.

#### C9-C11 Alcohol ethoxylate (6)

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

#### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating. BCF: 71,

### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

### Ecological information on ingredients.

#### trisodium nitrilotriacetate

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**Mobility** The product is soluble in water.

### sodium hydroxide

**Mobility** The product is soluble in water.

**Henry's law constant** The product contains mainly inorganic substances which are not biodegradable.

### C9-C11 Alcohol ethoxylate (6)

**Mobility** The product is soluble in water.

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

**Mobility** The product is soluble in water.

## 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

## Ecological information on ingredients.

### trisodium nitrilotriacetate

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current UK criteria.

### sodium hydroxide

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current UK criteria.

### C9-C11 Alcohol ethoxylate (6)

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current UK criteria.

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

## 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** The packaging must be empty (drop-free when inverted).

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Packaging: Reuse or recycle products wherever possible.

## SECTION 14: Transport information

### 14.1. UN number

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UN No. (ADR/RID) 1824

UN No. (IMDG) 1824

UN No. (ICAO) 1824

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID) SODIUM HYDROXIDE SOLUTION

Proper shipping name (IMDG) SODIUM HYDROXIDE SOLUTION

Proper shipping name (ICAO) SODIUM HYDROXIDE SOLUTION

Proper shipping name (ADN) SODIUM HYDROXIDE SOLUTION

### 14.3. Transport hazard class(es)

ADR/RID class 8

ADR/RID label 8

IMDG class 8

ICAO class/division 8

### Transport labels



### 14.4. Packing group

ADR/RID packing group II

IMDG packing group II

ICAO packing group II

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

### 14.6. Special precautions for user

IMDG Code segregation group 18. Alkalies

EmS F-A, S-B

Emergency Action Code 2W

Hazard Identification Number (ADR/RID) 80

Tunnel restriction code (E)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## SECTION 15: Regulatory information

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

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### Guidance

Workplace Exposure Limits EH40.  
Safety Data Sheets for Substances and Preparations.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### Inventories

#### EU - EINECS/ELINCS

All the ingredients are listed or exempt.

### SECTION 16: Other information

#### Abbreviations and acronyms used in the safety data sheet

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.  
RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.  
IATA: International Air Transport Association.  
ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.  
IMDG: International Maritime Dangerous Goods.  
CAS: Chemical Abstracts Service.  
ATE: Acute Toxicity Estimate.  
LC50: Lethal Concentration to 50 % of a test population.  
LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).  
EC<sub>50</sub>: 50% of maximal Effective Concentration.  
PBT: Persistent, Bioaccumulative and Toxic substance.  
vPvB: Very Persistent and Very Bioaccumulative.

#### Classification abbreviations and acronyms

Met. Corr. = Corrosive to metals  
Eye Dam. = Serious eye damage  
Skin Corr. = Skin corrosion

#### General information

This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems. Only trained personnel should use this material.

#### Classification procedures according to SI 2019 No. 720

Eye Dam. 1 - H318: Skin Corr. 1B - H314: : Calculation method. Met. Corr. 1 - H290: : Expert judgement.

#### Training advice

Only trained personnel should use this material.

#### Revision comments

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

#### Issued by

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Approved.

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**Hazard statements in full**

H290 May be corrosive to metals.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H351 Suspected of causing cancer.  
H412 Harmful to aquatic life with long lasting effects.

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.