

## SAFETY DATA SHEET

## **Jet Degrease**

According to Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, December 2011

	dest identifier and showing literation	
SECTION 1: Identification: Pro	oduct identifier and chemical identity	
Product identifier		
Product name	Jet Degrease	
Relevant identified uses of the	substance or mixture and uses advised against	
Application	Cleaning agent.	
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.	
Details of the supplier of the safety data sheet		
Supplier	Autosmart Australia 11 Darrambal Close Rathmines NSW 2283 Australia www.autosmartaustralia.com.au 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	
Emergency telephone number		
Emergency telephone	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)	
National emergency telephone Poison Information Hotline: 13 11 26 number		
SECTION 2: Hazard(s) identif	cation	
Classification of the substance	e or mixture	
Physical hazards	Not Classified	
Health hazards	Skin Corr. 1C - H314 Eye Dam. 1 - H318	
Environmental hazards	Aquatic Chronic 3 - H412	

## Label elements

## Pictogram



Signal word

Hazard statements	H314 Causes severe skin burns and eye damage. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	<ul> <li>P260 Do not breathe vapour/ spray.</li> <li>P273 Avoid release to the environment.</li> <li>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</li> <li>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.</li> <li>Rinse skin with water/ shower.</li> <li>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P363 Wash contaminated clothing before reuse.</li> <li>P501 Dispose of contents/ container in accordance with national regulations.</li> </ul>
Supplemental label information	For professional users only.
Contains	Poly(oxy-1,2-ethanediyl), .alpha(nonylphenyl)omegahydroxy-,branched, Lignosulfonic acid, sodium salt

### Other hazards

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

## SECTION 3: Composition and information on ingredients

## **Mixtures**

Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.hydroxy-,branched CAS number: —

M factor (Acute) = 1

## Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Chronic 2 - H411

Lignosulfonic acid, sodium salt

CAS number: 8061-51-6

### Classification

Eye Irrit. 2A - H319

### SODIUM HYDROXIDE

CAS number: 1310-73-2

Substance with a Community workplace exposure limit.

Classification Met. Corr. 1 - H290 Skin Corr. 1A - H314 Eye Dam. 1 - H318

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

## SECTION 4: First aid measures

0.7<1.0%

1<2%

3<5%

## Description of first aid measures

General information	Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.
Inhalation	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place.
Ingestion	Rinse mouth thoroughly with water. Remove any dentures. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.
Skin Contact	Rinse with water.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue. If it is suspected that volatile contaminants are still present around the affected person, first aid personnel should wear an appropriate respirator or self-contained breathing apparatus. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.
Most important symptoms and	l effects, both acute and delayed
General information	See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Prolonged inhalation of high concentrations may damage respiratory system.
Ingestion	Gastrointestinal symptoms, including upset stomach. Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation.
Skin contact	Prolonged contact may cause dryness of the skin.
Eye contact	Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.
	Pain. Profuse watering of the eyes. Redness.
Indication of any immediate m	Pain. Profuse watering of the eyes. Redness. edical attention and special treatment needed Treat symptomatically.
Indication of any immediate m Notes for the doctor	Pain. Profuse watering of the eyes. Redness. edical attention and special treatment needed Treat symptomatically.
Indication of any immediate m Notes for the doctor SECTION 5: Firefighting meas	Pain. Profuse watering of the eyes. Redness. edical attention and special treatment needed Treat symptomatically.
Indication of any immediate m Notes for the doctor SECTION 5: Firefighting meas Extinguishing media	Pain. Profuse watering of the eyes. Redness. edical attention and special treatment needed Treat symptomatically. sures The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry
Indication of any immediate m Notes for the doctor SECTION 5: Firefighting meas Extinguishing media Suitable extinguishing media Unsuitable extinguishing	Pain. Profuse watering of the eyes. Redness. edical attention and special treatment needed Treat symptomatically. sures The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire. Do not use water jet as an extinguisher, as this will spread the fire.

Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.
Advice for firefighters	
Protective actions during firefighting	Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to Australia/New Zealand Standards AS/NZS 4967 (for clothing) AS/NZS 1801 (for helmets), AS/NZS 4821 (for protective boots), AS/NZS 1801 (for protective gloves) will provide a basic level of protection for chemical incidents.
SECTION 6: Accidental releas	e measures

## Personal precautions, protective equipment and emergency procedures

Personal precautions	No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage. Ensure procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material.
Environmental precautions	
Environmental precautions	Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment. Large Spillages: Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).
Methods and material for conta	ainment and cleaning up
Methods for cleaning up	Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Approach the spillage from upwind. Small Spillages: If the product is soluble in water, dilute the spillage with water and mop it up. Alternatively, or if it is not water-soluble, absorb the spillage with an inert, dry material and place it in a suitable waste disposal container. Large Spillages: If leakage cannot be stopped, evacuate area. Flush spilled material into an effluent treatment plant, or proceed as follows. Contain and absorb spillage with sand, earth or other non-combustible material. Place waste in labelled, sealed containers. Clean contaminated objects and areas thoroughly, observing environmental regulations. The contaminated absorbent may pose the same hazard as the spilled material. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Neutralise with acid. Caution. May generate heat. Following dilution and neutralisation, discharge to the sewer with plenty of water may be permitted. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Reference to other sections	
Reference to other sections	For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handlin	<u>g</u>
Usage precautions	Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists. CLP only - Suspected of damaging fertility. Suspected of damaging the unborn child. Pregnant or breastfeeding women should not work with this product if there is any risk of exposure. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.
Advice on general occupational hygiene	Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.
Conditions for safe storage,	including any incompatibilities
Storage precautions	Store in accordance with local regulations. Store away from the following materials: Acids. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Bund storage facilities to prevent soil and water pollution in the event of spillage. The storage area floor should be leak tight, jointless and not absorbent.
Storage class	Acid-reactive storage.
Specific end use(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
SECTION 8: Exposure contr	rols and personal protection
Control parameters Occupational exposure limit SODIUM HYDROXIDE Ceiling value: 2 mg/m <sup>3</sup>	<u>S</u>
	Poly(oxy-1,2-ethanediyl), .alpha(nonylphenyl)omegahydroxy-,branched
Ingredient com	ments No exposure limits known for ingredient(s).
	Lignosulfonic acid, sodium salt (CAS: 8061-51-6)
Ingredient com	Iments No exposure limits known for ingredient(s).
Exposure controls	
Protective equipment	
Appropriate engineering controls	Provide adequate ventilation. Personal, workplace environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimise worker exposure. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures.

adequately by the engineering control measures. Ensure control measures are regularly

inspected and maintained. Ensure operatives are trained to minimise exposure.

Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with Australia/New Zealand Standard AS/NZS 1337. Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.
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. To protect hands from chemicals, gloves should comply with Australia/New Zealand Standard AS/NZS 2161. 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.
Other skin and body protection	Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.
Hygiene measures	Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Preventive industrial medical examinations should be carried out. Warn cleaning personnel of any hazardous properties of the product.
Respiratory protection	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and complies with Australia/New Zealand Standard AS/NZS 1716. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with Australia/New Zealand Standard AS/NZS 1716. Full face mask respirators with replaceable filter cartridges should comply with Australia/New Zealand Standard AS/NZS 1716. Full face mask respirators with replaceable filter cartridges should comply with Australia/New Zealand Standard AS/NZS 1716. Half mask and quarter mask respirators with replaceable filter cartridges should comply with Australia/New Zealand Standard AS/NZS 1716.
Environmental exposure controls	Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Store in a demarcated bunded area to prevent release to drains and/or watercourses.

# SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties	
Appearance	Liquid.
Colour	Brown.
Odour	Characteristic.
рН	pH (concentrated solution): > 11.5
Flash point	Not applicable.
Relative density	~ 1.007 @ 20°C
Viscosity	~ 1 cSt @ 20°C
Comments	Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

# SECTION 10: Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
Possibility of hazardous reactions	No potentially hazardous reactions known.
Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
Materials to avoid	Acid anhydrides. Acids. Phenols, cresols.
Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

# SECTION 11: Toxicological information

Information on toxicological effects		
Acute toxicity - oral		
Notes (oral LD₅₀)	Based on available data the classification criteria are not met.	
ATE oral (mg/kg)	9,259.26	
Acute toxicity - dermal		
Notes (dermal LD₅₀)	Based on available data the classification criteria are not met.	
Acute toxicity - inhalation		
Notes (inhalation LC <sub>50</sub> )	Based on available data the classification criteria are not met.	
Skin corrosion/irritation		
Animal data	Based on available data the classification criteria are not met.	
Extreme pH	≥ 11.5 Corrosive.	
Serious eye damage/irritation		
Serious eye damage/irritation	Eye Dam. 1 - H318 Causes serious eye damage.	
Respiratory sensitisation		
Respiratory sensitisation	Based on available data the classification criteria are not met.	
Skin sensitisation		
Skin sensitisation	Based on available data the classification criteria are not met.	
Germ cell mutagenicity		
Genotoxicity - in vitro	Based on available data the classification criteria are not met.	
Carcinogenicity		
Carcinogenicity	Based on available data the classification criteria are not met.	
IARC carcinogenicity	None of the ingredients are listed or exempt.	
Specific target organ toxicity -		
STOT - single exposure	Not classified as a specific target organ toxicant after a single exposure.	
Specific target organ toxicity - STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.	
or or - repeated exposure	not classified as a specific target organ toxicant after repeated exposure.	

Aspiration hazard Aspiration hazard	Based on available data the classification criteria are not met.
General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Prolonged inhalation of high concentrations may damage respiratory system.
Ingestion	Gastrointestinal symptoms, including upset stomach. Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation.
Skin Contact	Prolonged contact may cause dryness of the skin.
Eye contact	Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.
Route of entry	Ingestion Inhalation Skin and/or eye contact
Target Organs	No specific target organs known.

## Toxicological information on ingredients.

Poly(oxy-1,2-ethanediyl),	.alpha(nonylphenyl)omegahydroxy-,branched

Acute toxicity - oral		
Notes (oral LD₅₀)	Acute Tox. 4 - H302 Harmful if swallowed.	
ATE oral (mg/kg)	500.0	
Acute toxicity - dermal		
Notes (dermal LD₅₀)	Based on available data the classification criteria are not met.	
Acute toxicity - inhalation		
Notes (inhalation LC₅₀)	Based on available data the classification criteria are not met.	
Skin corrosion/irritation		
Animal data	Irritating.	
Serious eye damage/irritation		
Serious eye damage/irritation	Eye Dam. 1 - H318 Causes serious eye damage.	
Respiratory sensitisation		
Respiratory sensitisation	Based on available data the classification criteria are not met.	
Skin sensitisation		
Skin sensitisation	Based on available data the classification criteria are not met.	
Germ cell mutagenicity		
Genotoxicity - in vitro	Based on available data the classification criteria are not met.	
Carcinogenicity		
Carcinogenicity	Based on available data the classification criteria are not met.	
IARC carcinogenicity	None of the ingredients are listed or exempt.	
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	Not classified as a specific target organ toxicant after repeated exposure.
Aspiration hazard	
Aspiration hazard	Based on available data the classification criteria are not met.
General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Prolonged inhalation of high concentrations may damage respiratory system.
Ingestion	May cause discomfort if swallowed. Stomach pain. Nausea, vomiting.
Skin Contact	Redness. Irritating to skin.
Eye contact	Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.
Route of entry	Ingestion Inhalation Skin and/or eye contact
Target Organs	No specific target organs known.
	Lignosulfonic acid, sodium salt
Acute toxicity - oral	
Acute toxicity oral (LD₅₀ mg/kg)	10,000.0
Species	Rat
ATE oral (mg/kg)	10,000.0
Acute toxicity - inhalation	
Acute toxicity inhalation (LC₅₀ dust/mist mg/l)	480.0
Species	Rat
ATE inhalation (dusts/mists mg/l)	480.0
Skin corrosion/irritation	
Skin corrosion/irritation	Not irritating.
Skin sensitisation	
Skin sensitisation	Not sensitising.
Germ cell mutagenicity	
Genotoxicity - in vitro	Negative.
	SODIUM HYDROXIDE
Other health effects	There is no evidence that the product can cause cancer.
Acute toxicity - oral	

Acute toxicity oral (LD<sub>50</sub> 2,000.0 mg/kg)

	Species	Rat
	Specific target organ toxicit	
	STOT - single exposure	Not classified as a specific target organ toxicant after a single exposure.
	Specific target organ toxicit	
	STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
	Aspiration hazard	
	Aspiration hazard	Not anticipated to present an aspiration hazard, based on chemical structure.
	Route of entry	Skin absorption Ingestion Skin and/or eye contact
	Target Organs	No specific target organs known.
SECTION 1	2: Ecological Information	
Ecotoxicity	The prod organism	luct may affect the acidity (pH) of water which may have hazardous effects on aquatic
Ecological ir	nformation on ingredients.	
	normation on ingredients.	SODIUM HYDROXIDE
	Ecotoxicity	The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.
Toxicity	Based or	n available data the classification criteria are not met.
Ecological ir	nformation on ingredients.	
	Poly(oxy	-1,2-ethanediyl), .alpha(nonylphenyl)omegahydroxy-,branched
	Toxicity	Aquatic Acute 1 - H400 Very toxic to aquatic life.
	Acute aquatic toxicity	
	LE(C)₅₀	$0.1 < L(E)C50 \le 1$
	M factor (Acute)	1
		Lignosulfonic acid, sodium salt
	Acute toxicity - fish	LC₅₀, 96 hours: 615 mg/l, Pimephales promelas (Fat-head Minnow)
	Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: 5.4 mg/l, Marinewater invertebrates
		SODIUM HYDROXIDE
	Acute toxicity - fish	LC50, 48 hours: ~ 189 mg/l, Leuciscus idus (Golden orfe) LC₅₀, 96 hours: 125 mg/l, Fish
	Acute toxicity - aquatic	EC₅o, 48 hours: > 100 mg/l, Daphnia magna
	invertebrates	EC₅₀, 48 hours: 40-240 mg/l, Daphnia magna
	invertebrates Acute toxicity - aquatic plants	EC₅₀, 48 hours: 40-240 mg/l, Daphnia magna Not known.

Persistence and degradability		luct contains inorganic substances which are not biodegradable. The product is ly degradable.
Ecological information on ing	redients.	
	Poly(oxy	-1,2-ethanediyl), .alpha(nonylphenyl)omegahydroxy-,branched
Persistence and degradability	I	The degradability of the product is not known.
		Lignosulfonic acid, sodium salt
Persistence and degradability	I	The product is slowly degradable.
		SODIUM HYDROXIDE
Persistence and degradability	I	The product contains only inorganic substances which are not biodegradable. The product is potentially degradable.
Stability (hydroly	/sis)	Not applicable.
Biological oxyge	en demand	∼ 0 g O₂/g substance
Bioaccumulative potential		
Bioaccumulative Potential	No data	available on bioaccumulation.
Ecological information on ing	redients.	
	Poly(oxy	-1,2-ethanediyl), .alpha(nonylphenyl)omegahydroxy-,branched
Bioaccumulative	Potential	No data available on bioaccumulation.
		Lignosulfonic acid, sodium salt
Bioaccumulative	e Potential	log Pow: -3.45,
		SODIUM HYDROXIDE
Bioaccumulative	Potential	The product is not bioaccumulating.
Mobility in soil		
Mobility		luct is water-soluble and may spread in water systems. The product is non-volatile.
Ecological information on ing		
	Poly(oxy	-1,2-ethanediyl), .alpha(nonylphenyl)omegahydroxy-,branched
Mobility		The product is water-soluble and may spread in water systems. The product is non-volatile.
		Lignosulfonic acid, sodium salt
Mobility		No data available.
		SODIUM HYDROXIDE
Mobility		The product is soluble in water.

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

## Results of PBT and vPvB assessment

Ecological information on ingredients.

#### SODIUM HYDROXIDE

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

### Other adverse effects

Other adverse effects None known.

#### Ecological information on ingredients.

#### Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-,branched

Other adverse effects None known.

### SECTION 13: Disposal considerations

### Waste treatment methods

General information	The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.
Disposal methods	Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

#### **SECTION 14: Transport information**

General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### UN number

Not applicable.

#### UN proper shipping name

Not applicable.

#### Transport hazard class(es)

No transport warning sign required.

## Packing group

Not applicable.

#### Environmental hazards

Environmentally hazardous substance/marine pollutant No.

### Special precautions for user

Not applicable.

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

## SECTION 15: Regulatory information

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

Schedule (SUSMP)

Schedule 5. Caution.

#### Inventories

Australia - AICS All the ingredients are listed or exempt.

SECTION 16: Any other relevant information		
Training advice	Read and follow manufacturer's recommendations. Only trained personnel should use this material.	
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.	
Issued by	Prepared by Autosmart International Ltd, Lynn Lane, Shenstone, Lichfield, Staffordshire, WS14 0DH, Great Britain. www.autosmartinternational.com rbutler@autosmart.co.uk Tel +44 (0)1543 481616	
Revision date	1/11/2016	
Revision	1	
SDS No.	21328	
SDS status	Approved.	
Hazard statements in full	<ul> <li>H290 May be corrosive to metals.</li> <li>H302 Harmful if swallowed.</li> <li>H314 Causes severe skin burns and eye damage.</li> <li>H318 Causes serious eye damage.</li> <li>H319 Causes serious eye irritation.</li> <li>H411 Toxic to aquatic life with long lasting effects.</li> <li>H412 Harmful to aquatic life with long lasting effects.</li> </ul>	

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.