

# SAFETY DATA SHEET

(WashTec) - Eco Foam - Red

According to the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practise, 2021.

Product identifier	
Product name	(WashTec) - Eco Foam - Red
Relevant identified uses of	the substance or mixture and uses advised against
Application	Car maintenance product Auto shampoo.
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	e 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 num	ber
Emergency telephone	<ul> <li>NCEC - For Chemical Emergency Support ONLY (spill, leak, fire, exposure or accident), Call NCEC at 18000 74234 (toll free 24Hrs) - when calling please quote "AUTOSMART 29003-NCEC"</li> <li>Local number +61 2 8 014 4558</li> <li>General Information. Transport Information. Mild medical Information:-Tel: 02 49 75 14 88 (Mon to Fri, 08:00 - 16:00 AEST)</li> </ul>
National emergency telephonumber	one Poison Information Hotline: 13 11 26

SECTION 2: Hazard(s) identification

Classification of the substan	ce or mixture
Physical hazards	Not Classified
Health hazards	Eye Dam. 1 - H318
Environmental hazards	Not Classified
Label elements	

3<5%

3<5%

# (WashTec) - Eco Foam - Red

#### Hazard pictograms



Signal word	DANGER
Hazard statements	H318 Causes serious eye damage.
Precautionary statements	<ul> <li>P264 Wash contaminated skin thoroughly after handling.</li> <li>P280 Wear eye protection.</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>P337+P313 If eye irritation persists: Get medical advice/ attention.</li> <li>P501 Dispose of contents/ container in accordance with national regulations.</li> </ul>
Contains	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts, Alcohols, C12-C14, ethoxylated, sulfates, sodium salts

### Other hazards

This product does not contain any substances classified as PBT (persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative).

#### SECTION 3: Composition and information on ingredients

#### Mixtures

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

CAS number: 97862-59-4

Classification Eye Dam. 1 - H318 Aquatic Chronic 3 - H412

## Alcohols, C12-C14, ethoxylated, sulfates, sodium salts

CAS number: 68891-38-3

### Classification Skin Irrit. 2 - H315

Eye Dam. 1 - H318

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

## SECTION 4: First aid measures

#### Description of first aid measures

General informationGet medical attention immediately. Show this Safety Data Sheet to the medical personnel.InhalationRemove affected person from source of contamination. Move affected person to fresh air and<br/>keep warm and at rest in a position comfortable for breathing. Maintain an open airway.<br/>Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained<br/>personnel may assist affected person by administering oxygen. Place unconscious person on<br/>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.
Most important symptoms and	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	Irritating to eyes.
Indication of any immediate m	edical attention and special treatment needed
Notes for the doctor	- · · · ·
	Treat symptomatically.
SECTION 5: Firefighting meas	
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SECTION 5: Firefighting meas Extinguishing media	The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry
SECTION 5: Firefighting meas Extinguishing media Suitable extinguishing media Unsuitable extinguishing	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.
SECTION 5: Firefighting meas Extinguishing media Suitable extinguishing media Unsuitable extinguishing media	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.
SECTION 5: Firefighting meas Extinguishing media Suitable extinguishing media Unsuitable extinguishing media Special hazards arising from the	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.
SECTION 5: Firefighting mease Extinguishing media Suitable extinguishing media Unsuitable extinguishing media Special hazards arising from the Specific hazards Hazardous combustion	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. <b>ne substance or mixture</b> Containers can burst violently or explode when heated, due to excessive pressure build-up. Thermal decomposition or combustion products may include the following substances:
SECTION 5: Firefighting mease Extinguishing media Suitable extinguishing media Unsuitable extinguishing media Special hazards arising from the Specific hazards Hazardous combustion products	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. <b>ne substance or mixture</b> Containers can burst violently or explode when heated, due to excessive pressure build-up. Thermal decomposition or combustion products may include the following substances:

#### SECTION 6: Accidental release 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** Large Spillages: Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air). Methods and material for containment 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 handling 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. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Advice on general 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 occupational hygiene 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 away from incompatible materials (see Section 10). 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.
SECTION 8: Exposure contro	Is and personal protection
Ingredient comments	No exposure limits known for ingredient(s).
1-Propanaminiu	m, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides,
	inner salts (CAS: 97862-59-4)
Ingredient comm	No exposure limits known for ingredient(s).
	Alcohols, C12-C14, ethoxylated, sulfates, sodium salts (CAS: 68891-38-3)
Ingredient comm	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. 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. The breakthrough time for any glove material may be different for different glove manufacturers. 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. 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: >0.2mm 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	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. Half mask and quarter 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.

## SECTION 9: Physical and chemical properties

Information on basic physical a	and chemical properties
Appearance	Liquid.
Colour	Red.
Odour	Chemical.
рН	pH (concentrated solution): ~ 9.13
Initial boiling point and range	~ 90°C
Flash point	> 93°C Closed cup.
Relative density	~ 1.005
Other information	None.

## SECTION 10: Stability and reactivity

SECTION 10: Stability and rea	activity
Reactivity	See the other subsections of this section for further details.
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 inf	formation
Information on toxicological eff	fects
<u>Acute toxicity - oral</u> Notes (oral LD₅)	Based on available data the classification criteria are not met.
Acute toxicity - dermal Notes (dermal LD <sub>50</sub> )	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.
Serious eye damage/irritation Serious eye damage/irritation	Causes serious eye irritation.
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.
Reproductive toxicity Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
Reproductive toxicity - development	Based on available data the classification criteria are not met.
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	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	Irritating to eyes.	
Route of exposure	Ingestion Inhalation Skin and/or eye contact	
Target Organs	No specific target organs known.	

## Toxicological information on ingredients.

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

Other health effects	There is no evidence that the product can cause cancer.
Acute toxicity - oral	
Acute toxicity oral (LD₅₀ mg/kg)	7,783.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD₅₀ mg/kg)	2,066.0
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 toxicit	y - single exposure
STOT - single exposure	Not classified as a specific target organ toxicant after a single exposure.
Specific target organ toxicit	y - repeated exposure
STOT - repeated exposure	NOAEL 300 mg/kg, Oral, Rat Not classified as a specific target organ toxicant after repeated exposure.
	Alcohols, C12-C14, ethoxylated, sulfates, sodium salts
Acute toxicity - oral	

Acute toxicity or al (LDs ng/kg)     2,001.0       Species     Rat       Acute toxicity - dermal     2,001.0       Acute toxicity - dermal     Acute toxicity - dermal       Acute toxicity - dermal (tDs/kg)     2,001.0       Species     Rat       Acute toxicity - dermal (tng/kg)     2,001.0       Skin sensitisation     Rat       ATE dermal (tng/kg)     2,001.0       Skin sensitisation     Not sensitising.       Stepcies     Not sensitising.       Sectoxicity     Not resurcities at an agerous for the environment. However, large or frequent spills may have hazardous effects on the environment. However, large or frequent spills may have hazardous effects on the environment.       Ecotoxicity     Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.       Ecotoxicity     Not regarded as dangerous for the environment.       Ecotoxicity     Harmful to aquatic life.       I-Propanaminium, 3-amine-W-(carboxymethy)-NN-dimethyI-N-C8-18(even numbered) acyl derivs., hydroxides, liner salts       Ecotoxicity     Based on available data the classification criteria are not met.       Ecotoxicity     Racute toxicity - fish       Acute toxicity - fish     LC50, 96 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnov)       Acute toxicity - aquatic     Eco., 20, 90 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnov)       Acute to			
A Cute toxicity - dermal     Acute toxicity dermal (ILDa     2.001.0       Acute toxicity dermal (ILDa     2.001.0       Species     Rat       ATE dermal (mg/kg)     2.001.0       Skin sensitisation     2.001.0       Skin sensitisation     Not sensitising.       Strin sensitisation     Not sensitising.       Section 12: Ecological Information     Not sensitising.       Ecotoxicity     Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous.       I-Propanaminium.3-amin-V-(carboxymethyl)-N.V-dimethyl-N-CB-18(even numbered) acyl derivs., hydroxides, Inner salts       Inner salts     Inner salts       Ecotoxicity     Harmful to aquatic life.       Ecotoxicity     Net product is not expected to be hazardous to the environment.       Ecotoxicity     Based or =vailable data the classification criteria are not met.       Ecological Information on Ingredients.     Inner salts       I-Propanaminium.3-amin-V-(carboxymethyl-N,N-CB-18(even numbered) acyl derivs., hydroxides, Inner salts       Index of the toxicity - fish     LCS0. 96 hours: ~1.11 mg/l, Pimephales promelas (Fat-head Minnow)       Acute toxicity - fish     LCS0. 96 hours: ~1.11 mg/l, Pimephales promelas (Fa		• •	2,001.0
Acute toxicity dermal (Lbs 2,001.0 mg/kg)       2,001.0         Species       Rat         ATE dermal (mg/kg)       2,001.0         Skin sensitisation       Not sensitising.         SECTION 12: Ecological information       Not sensitising.         SECTION 12: Ecological information       Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.         Ecological information on ingredients.       Inner saits         Acute toxicity       Rased on available data the classification criteria are not met.         Ecological information on ingredients.       Inner saits         Acute toxicity - fish       LC50, 96 hours: - 1.11 mg/l, Pimephales promelas (Fat-head Minnow)         Acute toxicit		Species	Rat
Acute toxicity dermal (LDee ng/kg)       2,001.0         Species       Rat         ATE dermal (mg/kg)       2,001.0         Skin sensitisation       0,001.0         Skin sensitisation       Not sensitising.         SECTION 12: Ecological information       Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.         Ecotoxicity       Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.         Ecotoxicity       Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.         Ecotoxicity       Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous         Ecotoxicity       Harmful to aquatic life.         Ecotoxicity       Harmful to aquatic life.         Ecotoxicity       Based on available data the classification criteria are not met.         Ecotoxicity       Based on available data the classification criteria are not met.         Ecotoxicity       Based on available data the classification criteria are not met.         Ecotoxicity       Based on available data the classification criteria are not met.         Ecotoxicity       Acute aquatic toxicity - aquatic invertebrates       Ecotoxicity - Garde toxicity - Garde toxicity - Garde toxicity - fish         Acut		ATE oral (mg/kg)	2,001.0
mg/kg       Rat         Species       Rat         ATE dermal (mg/kg)       2,001.0         Skin sensitisation       Not sensitising.         SECTION 12: Ecological Information       Not sensitising.         SECTION 12: Ecological Information       Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.         Ecological Information on ingredients:       1-Propanaminium, 3-amino-N-(carboxymethyl)-N.N-dimethyl-,N-C8-18(even numbered) acyl derlvs., hydroxides, Inner saits         Ecotoxicity       Harmful to aquatic life.         Ecotoxicity       Harmful to aquatic life.         Ecotoxicity       The product is not expected to be hazardous to the environment.         Ecological Information on Ingredients:       Inner saits         Ecotoxicity       Based on available data the classification criteria are not met.         Ecological Information on Ingredients:       Inner saits         Ecological Information on Ingredients:       Inner saits         Acute aquatic toxicity       LC50, 96 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnow)         Acute toxicity - aquatic       Ecse, 72 hours: 2.4 mg/l, Freshwater algae plants         Acute toxicity - aquatic       Ecse, 72 hours: 2.4 mg/l, Freshwater algae plants		Acute toxicity - dermal	
ATE dermal (mg/kg)       2,001.0         Skin sensitisation       Not sensitising.         Section 12: Ecological information       Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous affects on the environment.         Ecological information on ingredients.       Inverse and as dangerous for the environment. However, large or frequent spills may have hazardous affects on the environment.         Ecological information on ingredients.       Inverse and as dangerous for the environment. However, large or frequent spills may have hazardous on ingredients.         Ecological information on ingredients.       Inverse and as dangerous for the environment. However, large or frequent spills may have hazardous for the environment.         Ecological information on ingredients.       Inverse and as dangerous for the environment.         Ecological information on ingredients.       Acorbals, C12-C14, ethoxylated, sulfates, sodium salts         Ecological information on ingredients.       Acorbal as inable data the classification criteria are not met.         Ecological information on ingredients.       Inverse instanto.         Ecological information on ingredients.       Inverse and as instale data the classification criteria are not met.         Ecological information on ingredients.       Inverse ingredients.         Acute toxicity - Gaussity - Sup Go hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnow)       Inverse ingredients.         Acute toxicity - Sup Gi hours: 2.4 mg/l, Freshwater		• •	2,001.0
Skin sensitisation       Not sensitising.         SECTION 12: Ecological information         Ecotoxicity       Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.         Ecological Information on Ingredients.         I-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts         Ecotoxicity       Harmful to aquatic life.         Alcohols, C12-C14, ethoxylated, sulfates, sodium salts         Ecotoxicity       The product is not expected to be hazardous to the environment.         Toxicity       Based on available data the classification criteria are not met.         Ecological Information on Ingredients.       Inner salts         Acute toxicity       LoS0, 96 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnow)         Acute toxicity - fish       LCS0, 96 hours: ~ 1.11 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic toxicity       ECsen, 48 hours: 1.9 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic plants       ECsen, 72 hours: 2.4 mg/l, Freshwater algae plants         Acute toxicity - aquatic plants       ECsen, 72 hours: 2.4 mg/l, Freshwater algae plants		Species	Rat
Kin sensitisation       Not sensitising.         SECTION 12: Ecological information         Ecological information on ingredients.         Ecological information on ingredients.         I-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts         Ecotoxicity       Harmful to aquatic life.         Alcohols, C12-C14, ethoxylated, sulfates, sodium salts         Ecotoxicity       Based on available data the classification criteria are not met.         Ecological Information on Ingredients.       Inner salts         Ecotoxicity       Based on available data the classification criteria are not met.         Ecological Information on Ingredients.       Inner salts         Acute aquatic toxicity       Acute coxicity       Ecological information on ingredients.         Acute aquatic toxicity       Carboxymethyl)-N.N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts         Acute aquatic toxicity       Acute toxicity       Ecological information on ingredients.         Acute toxicity - fish       LC50, 96 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnow)         Acute toxicity - aquatic       ECos, 48 hours: 1.9 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic       ECos, 72 hours: 2.4 mg/l, Freshwater algae plants       Acute toxicity - aquatic information ingredients.         Acute toxicity - aquatic <t< th=""><th></th><th>ATE dermal (mg/kg)</th><th>2,001.0</th></t<>		ATE dermal (mg/kg)	2,001.0
SECTION 12: Ecological information         Ecotoxicity       Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.         Ecological information on ingredients.       1-Propanaminium, 3-amino-N-(carboxymethyl)-N/N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts         Ecotoxicity       Harmful to aquatic life.         Ecotoxicity       Harmful to aquatic life.         Ecotoxicity       The product is not expected to be hazardous to the environment.         Ecological information on ingredients.       Information on ingredients.         Ecotoxicity       The product is not expected to be hazardous to the environment.         Ecological information on ingredients.       Information on ingredients.         Ecological information on ingredients.       Information on ingredients.         Acute aquatic toxicity       Based on available data the classification criteria are not met.         Ecological information on ingredients.       Information on ingredients.         Acute aquatic toxicity       Acute toxicity - fish       LC50, 96 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnow)         Acute toxicity - aquatic       EC <sub>so</sub> , 48 hours: 1.9 mg/l, Daphnia magna invertebrates       EC <sub>so</sub> , 72 hours: 2.4 mg/l, Freshwater algae plants         Acute toxicity - aquatic       EC <sub>so</sub> , 72 hours: 2.4 mg/l, Freshwater algae       plants         Acute toxicity		Skin sensitisation	
Ecotoxicity       Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.         Ecological Information on Ingredients.       1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts         Ecotoxicity       Harmful to aquatic life.       Alcohols, C12-C14, ethoxylated, sulfates, sodium salts         Ecotoxicity       The product is not expected to be hazardous to the environment.         Toxicity       Based on available data the classification criteria are not met.         Ecological Information on Ingredients.       1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts         Acute aquatic toxicity       Based on available data the classification criteria are not met.         Ecological Information on Ingredients.       1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts         Acute aquatic toxicity       Garboxymethyl-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts         Acute toxicity - fish       LC50, 96 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnow)         Acute toxicity - aquatic       EC <sub>so</sub> , 48 hours: 1.9 mg/l, Daphnia magna         invertebrates       Caute toxicity - aquatic       EC <sub>so</sub> , 72 hours: 2.4 mg/l, Freshwater algae         Acute toxicity -       EC <sub>so</sub> , : 3,000 mg/l, Activated sludge <th< th=""><th></th><th>Skin sensitisation</th><th>Not sensitising.</th></th<>		Skin sensitisation	Not sensitising.
Image: Instantion on ingredients.         Ecological information on ingredients.         1-Propanaminium, 3-amin-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts         Ecotoxicity       Harmful to aquatic life.         Ecotoxicity       Alcohols, C12-C14, ethoxylated, sulfates, sodium salts         Ecotoxicity       Based or available data the classification criteria are not met.         Ecological information on ingredients.       Inner salts         Ecological information on ingredients.       Inner salts         Acute aquatic toxicity       C50, 96 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnow)         Acute toxicity - aquatic life.       Ecos, 72 hours: 2.4 mg/l, Freshwater algae         plants       Ecos, 72 hours: 2.4 mg/l, Activated sludge         microorganisms       Eco, : 3,000 mg/l, Activated sludge	SECTION 1	2: Ecological information	
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts         Ecotoxicity       Harmful to aquatic life.         Alcohols, C12-C14, ethoxylated, sulfates, sodium salts         Ecotoxicity       The product is not expected to be hazardous to the environment.         Toxicity       Based on available data the classification criteria are not met.         Ecological information on ingredients.       I-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts         Acute aquatic toxicity       Acute toxicity - fish       LC50, 96 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnow)         Acute toxicity - aquatic invertebrates       ECso, 48 hours: 1.9 mg/l, Daphnia magna invertebrates       ECso, 72 hours: 2.4 mg/l, Freshwater algae plants         Acute toxicity - aquatic plants       ECso, 3,000 mg/l, Activated sludge       ECo, : 3,000 mg/l, Activated sludge	Ecotoxicity	-	
inner salts         Ecotoxicity       Harmful to aquatic life.         Alcohols, C12-C14, ethoxylated, sulfates, sodium salts         Ecotoxicity       The product is not expected to be hazardous to the environment.         Toxicity       Based on available data the classification criteria are not met.         Ecological information on ingredients.       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       LC50, 96 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnow)         Acute toxicity - aquatic invertebrates       ECso, 48 hours: 1.9 mg/l, Daphnia magna invertebrates       ECso, 72 hours: 2.4 mg/l, Freshwater algae plants         Acute toxicity - aquatic plants       ECso, 13,000 mg/l, Activated sludge       ECso, 13,000 mg/l, Activated sludge	Ecological ir	nformation on ingredients.	
Ecotoxicity       Harmful to aquatic life.         Alcohols, C12-C14, ethoxylated, sulfates, sodium salts         Ecotoxicity       The product is not expected to be hazardous to the environment.         Toxicity       Based on available data the classification criteria are not met.         Ecological information on ingredients.       I-Propanaminium, 3-amir-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts         Acute aquatic toxicity       EC50, 96 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnow)         Acute toxicity - aquatic invertebrates       ECso, 72 hours: 2.4 mg/l, Pimeshwater algae plants         Acute toxicity - aquatic plants       ECso, 72 hours: 2.4 mg/l, Freshwater algae         Acute toxicity - aquatic hoxicity - aquatic plants       ECso, 72 hours: 2.4 mg/l, Freshwater algae         Acute toxicity - aquatic hoxicity - aquatic ho		1-Propanaminium, 3-amino	-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides,
Alcohols, C12-C14, ethoxylated, sulfates, sodium salts         Ecotoxicity       The product is not expected to be hazardous to the environment.         Toxicity       Based on available data the classification criteria are not met.         Ecological information on ingredients.       Inner salts         Acute aquatic toxicity       Acute toxicity - fish       LC50, 96 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnow)         Acute toxicity - aquatic invertebrates       ECsso, 72 hours: 2.4 mg/l, Freshwater algae plants       ECso, 3.000 mg/l, Activated sludge         Acute toxicity - invertebrates       ECso, 3.000 mg/l, Activated sludge       ECso, 3.000 mg/l, Activated sludge			inner salts
Ecotoxicity       The product is not expected to be hazardous to the environment.         Toxicity       Based on available data the classification criteria are not met.         Ecological information on ingredients.       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       LC50, 96 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnow)         Acute toxicity - aquatic invertebrates       ECso, 48 hours: 1.9 mg/l, Daphnia magna       Ecological magna         Acute toxicity - aquatic plants       ECso, 72 hours: 2.4 mg/l, Freshwater algae       Ecological magna         Acute toxicity - aquatic plants       ECso, 3,000 mg/l, Activated sludge       Ecological magna		Ecotoxicity	Harmful to aquatic life.
Toxicity       Based on available data the classification criteria are not met.         Ecological information on ingredients.       I-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts         Acute aquatic toxicity       Acute aquatic toxicity         Acute toxicity - fish       LC50, 96 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnow)         Acute toxicity - aquatic       ECso, 48 hours: 1.9 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic       ECso, 72 hours: 2.4 mg/l, Freshwater algae plants         Acute toxicity - aquatic       ECso, 72 hours: 2.4 mg/l, Activated sludge			Alcohols, C12-C14, ethoxylated, sulfates, sodium salts
Ecological information on ingredients.         I-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts         Inner salts         Acute aquatic toxicity         Acute toxicity - fish       LC50, 96 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnow)         Acute toxicity - aquatic       ECso, 48 hours: 1.9 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic       ECso, 72 hours: 2.4 mg/l, Freshwater algae plants         Acute toxicity - microorganisms       ECso, : 3,000 mg/l, Activated sludge		Ecotoxicity	The product is not expected to be hazardous to the environment.
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       LC50, 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 invertebrates         Acute toxicity - aquatic plants       EC <sub>50</sub> , 72 hours: 2.4 mg/l, Freshwater algae plants         Acute toxicity - EC <sub>0</sub> , : 3,000 mg/l, Activated sludge	Toxicity	Based or	n available data the classification criteria are not met.
inner salts         Acute aquatic toxicity         Acute toxicity - fish       LC50, 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	Ecological ir	nformation on ingredients.	
Acute aquatic toxicityAcute toxicity - fishLC50, 96 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnow)Acute toxicity - aquatic invertebratesEC50, 48 hours: 1.9 mg/l, Daphnia magnaAcute toxicity - aquatic plantsEC50, 72 hours: 2.4 mg/l, Freshwater algaeAcute toxicity - microorganismsEC0, : 3,000 mg/l, Activated sludge		1-Propanaminium, 3-amino	-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides,
Acute toxicity - fishLC50, 96 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnow)Acute toxicity - aquatic invertebratesEC50, 48 hours: 1.9 mg/l, Daphnia magnaAcute toxicity - aquatic plantsEC50, 72 hours: 2.4 mg/l, Freshwater algaeAcute toxicity - microorganismsEC50, : 3,000 mg/l, Activated sludge			inner salts
Acute toxicity - aquatic invertebratesEC₅₀, 48 hours: 1.9 mg/l, Daphnia magnaAcute toxicity - aquatic plantsEC₅₀, 72 hours: 2.4 mg/l, Freshwater algaeAcute toxicity - microorganismsEC₅₀, : 3,000 mg/l, Activated sludge		Acute aquatic toxicity	
invertebrates         Acute toxicity - aquatic plants       EC₅₀, 72 hours: 2.4 mg/l, Freshwater algae         Acute toxicity - glants       EC₀, : 3,000 mg/l, Activated sludge         microorganisms       EC₀, : 3,000 mg/l, Activated sludge		Acute toxicity - fish	LC50, 96 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnow)
plants     Acute toxicity -     EC <sub>0</sub> , : 3,000 mg/l, Activated sludge       microorganisms     EC <sub>0</sub> , : 3,000 mg/l, Activated sludge		• •	EC₅₀, 48 hours: 1.9 mg/l, Daphnia magna
microorganisms		• •	EC₅₀, 72 hours: 2.4 mg/l, Freshwater algae
Chronic aquatic toxicity		-	EC₀, : 3,000 mg/l, Activated sludge
		Chronic aquatic toxicity	
<b>Chronic toxicity - fish early</b> NOEC, : 0.135 mg/l, Oncorhynchus mykiss (Rainbow trout) <b>life stage</b>			NOEC, : 0.135 mg/l, Oncorhynchus mykiss (Rainbow trout)
Chronic toxicity - aquatic NOEC, : 0.3 mg/l, Daphnia magna invertebrates			

## Alcohols, C12-C14, ethoxylated, sulfates, sodium salts

		Alconois, C12-C14, Elloxylated, Suilates, Sodium Salts
	Acute aquatic toxicity	
	Acute toxicity - fish	LC50, ~: ~ 7.1 mg/l,
	Acute toxicity - aquatic invertebrates	EC₅o, ~: ~ 1 - 10 mg/l, Daphnia magna
	Acute toxicity - aquatic plants	EC₅₀, ~: ~ 10 - 100 mg/l, Freshwater algae
Persistence	and degradability	
Persistence	and degradability The pro	duct is expected to be biodegradable.
Ecological i	nformation on ingredients.	
	1-Propanaminium, 3-amin	o-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts
	Persistence and degradability	The product is biodegradable.
		Alcohols, C12-C14, ethoxylated, sulfates, sodium salts
	Persistence and degradability	The product is biodegradable.
Bioaccumu	lative potential	
Bioaccumu	l <b>ative Potential</b> No data	available on bioaccumulation.
Dioaccumu		
	nformation on ingredients.	
		o-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts
		o-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts
	1-Propanaminium, 3-amin	o-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts The product does not contain any substances expected to be bioaccumulating.
	1-Propanaminium, 3-amin Bioaccumulative Potential	o-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts The product does not contain any substances expected to be bioaccumulating. BCF: 71, Alcohols, C12-C14, ethoxylated, sulfates, sodium salts
<u>Ecological i</u>	1-Propanaminium, 3-amin Bioaccumulative Potential Bioaccumulative Potential	o-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts The product does not contain any substances expected to be bioaccumulating. BCF: 71,
Ecological i	<u>1-Propanaminium, 3-amin</u> Bioaccumulative Potential Bioaccumulative Potential	D-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts The product does not contain any substances expected to be bioaccumulating. BCF: 71, Alcohols, C12-C14, ethoxylated, sulfates, sodium salts The product does not contain any substances expected to be bioaccumulating.
Ecological i Mobility in s Mobility	<u>1-Propanaminium, 3-amin</u> Bioaccumulative Potential Bioaccumulative Potential	o-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts The product does not contain any substances expected to be bioaccumulating. BCF: 71, Alcohols, C12-C14, ethoxylated, sulfates, sodium salts
Ecological i Mobility in s Mobility	1-Propanaminium, 3-amin Bioaccumulative Potential Bioaccumulative Potential Soil The pro	<ul> <li><u>o-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts</u></li> <li>The product does not contain any substances expected to be bioaccumulating. BCF: 71,</li> <li><u>Alcohols, C12-C14, ethoxylated, sulfates, sodium salts</u></li> <li>The product does not contain any substances expected to be bioaccumulating.</li> <li>duct is water-soluble and may spread in water systems. The product is non-volatile.</li> </ul>
Ecological i Mobility in s Mobility	1-Propanaminium, 3-amin Bioaccumulative Potential Bioaccumulative Potential Soil The pro	D-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts The product does not contain any substances expected to be bioaccumulating. BCF: 71, Alcohols, C12-C14, ethoxylated, sulfates, sodium salts The product does not contain any substances expected to be bioaccumulating.
Ecological i Mobility in s Mobility	1-Propanaminium, 3-amin Bioaccumulative Potential Bioaccumulative Potential Soil The pro	<ul> <li><u>o-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts</u></li> <li>The product does not contain any substances expected to be bioaccumulating. BCF: 71,</li> <li><u>Alcohols, C12-C14, ethoxylated, sulfates, sodium salts</u></li> <li>The product does not contain any substances expected to be bioaccumulating.</li> <li>duct is water-soluble and may spread in water systems. The product is non-volatile.</li> <li><u>o-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides,</u></li> </ul>
Ecological i Mobility in s Mobility	<u>1-Propanaminium, 3-amin</u> Bioaccumulative Potential Bioaccumulative Potential <u>soil</u> The pro <u>nformation on ingredients.</u> <u>1-Propanaminium, 3-amin</u>	<ul> <li>D-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts</li> <li>The product does not contain any substances expected to be bioaccumulating. BCF: 71,</li> <li>Alcohols, C12-C14, ethoxylated, sulfates, sodium salts</li> <li>The product does not contain any substances expected to be bioaccumulating.</li> <li>duct is water-soluble and may spread in water systems. The product is non-volatile.</li> <li>D-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts</li> </ul>
Ecological i Mobility in s Mobility	<u>1-Propanaminium, 3-amin</u> Bioaccumulative Potential Bioaccumulative Potential <u>soil</u> The pro <u>nformation on ingredients.</u> <u>1-Propanaminium, 3-amin</u>	D-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts The product does not contain any substances expected to be bioaccumulating. BCF: 71, Alcohols, C12-C14, ethoxylated, sulfates, sodium salts The product does not contain any substances expected to be bioaccumulating. duct is water-soluble and may spread in water systems. The product is non-volatile. <b>D-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts</b> The product is soluble in water.
Ecological i Mobility in s Mobility	<u>1-Propanaminium, 3-amin</u> Bioaccumulative Potential Bioaccumulative Potential <u>Bioaccumulative Potential</u> The pro <u>nformation on ingredients.</u> <u>1-Propanaminium, 3-amin</u> Mobility Mobility	<ul> <li>o-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts</li> <li>The product does not contain any substances expected to be bioaccumulating. BCF: 71,</li> <li>Alcohols, C12-C14, ethoxylated, sulfates, sodium salts</li> <li>The product does not contain any substances expected to be bioaccumulating.</li> <li>duct is water-soluble and may spread in water systems. The product is non-volatile.</li> <li>o-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts</li> <li>The product is soluble in water.</li> <li>Alcohols, C12-C14, ethoxylated, sulfates, sodium salts</li> </ul>
Ecological i Mobility in s Mobility Ecological i	<u>1-Propanaminium, 3-amin</u> Bioaccumulative Potential Bioaccumulative Potential <u>soil</u> The pro <u>nformation on ingredients.</u> <u>1-Propanaminium, 3-amin Mobility Mobility rse effects</u>	<ul> <li>b-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts</li> <li>The product does not contain any substances expected to be bioaccumulating. BCF: 71,</li> <li>Alcohols, C12-C14, ethoxylated, sulfates, sodium salts</li> <li>The product does not contain any substances expected to be bioaccumulating.</li> <li>duct is water-soluble and may spread in water systems. The product is non-volatile.</li> <li>b-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts</li> <li>The product is soluble in water.</li> <li>Alcohols, C12-C14, ethoxylated, sulfates, sodium salts</li> <li>The product is soluble in water.</li> </ul>

### **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	Do not empty into drains. 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. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible.
SECTION 14: Transport infor	mation
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADG).

### 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

National regulations	<ul> <li>The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).</li> <li>National Code of Practice for the Preparation of Material Safety Data Sheets.</li> <li>Approved Criteria for Classifying Hazardous Substances.</li> <li>Exposure Standards for Atmospheric Contaminants in the Occupational Environment.</li> <li>Guidance Note on the Interpretation of Exposure Standards for Atmospheric Contaminants in the Occupational Environment.</li> <li>National Code of Practice for the Labelling of Workplace Substances.</li> <li>National Model Regulations for the Control of Workplace Hazardous Substances.</li> <li>National Code of Practice for the Control of Workplace Hazardous Substances.</li> <li>National Code of Practice for the Storage and Handling of Workplace Dangerous Goods.</li> <li>Guidance Note for Placarding Stores for Dangerous Goods and Specified Hazardous</li> <li>Substances. Guidance Note for the Assessment of Health Risks Arising from Hazardous</li> <li>Substances in the Workplace.</li> <li>National Standard for the Control of Major Hazard Facilities. National Code of Practice for the Control of Major Hazard Facilities.</li> </ul>
Schedule (SUSMP)	No Poison Schedule number allocated

## Inventories

## EU - EINECS/ELINCS

All the ingredients are listed or exempt.

## Australia - AIIC

All the ingredients are listed or exempt.

SECTION 16: Any other relevant information		
Abbreviations and acronyms used in the safety data sheet	ADG: Australian dangerous goods code	
	<ul> <li>IATA: International air transport association.</li> <li>ICAO: Technical instructions for the safe transport of dangerous goods by air.</li> <li>IMDG: International maritime dangerous goods.</li> <li>CAS: Chemical abstracts service.</li> <li>ATE: Acute toxicity estimate.</li> <li>LC₅₀: Lethal concentration to 50 % of a test population.</li> <li>LD₅₀: Lethal dose to 50% of a test population (median lethal dose).</li> <li>EC₅₀: 50% of maximal effective concentration.</li> <li>PBT: Persistent, bioaccumulative and toxic substance.</li> <li>vPvB: Very persistent and very bioaccumulative.</li> </ul>	
Classification abbreviations and acronyms	Eye Irrit. = Eye irritation	
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	1/12/2020	

Revision	5
Supersedes date	1/12/2020
SDS No.	22266
SDS status	Approved.
Hazard statements in full	H315 Causes skin irritation. H318 Causes serious eye damage. 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.