

# SAFETY DATA SHEET

## **Glass Glow**

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

SECTION 1: Identification: Product identifier and chemical identity			
Product identifier			
Product name	Glass Glow		
Product No.	188-3		
Relevant identified uses of the	e substance or mixture and uses advised against		
Application	Car maintenance product. Glass cleaner.		
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 s	afety 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		
Manufacturer	Autosmart International Ltd Lynn Lane Shenstone, nr Lichfield Staffordshire WS14 0DH Great Britain www.autosmartinternational.com Tel: +44 (0) 1543 481616 (09:00 - 17:00) Fax: +44 (0) 1543 481549 (09:00 - 17:00) info@autosmartinternational.com		
Emergency telephone number	<u>[</u>		
Emergency telephone	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" Local number +61 2 8 014 4558 General Information. Transport Information. Mild medical Information:- Tel: 02 49 75 14 88 (Mon to Fri, 08:00 - 16:00 AEST)		
National emergency telephone number	e Poison Information Hotline: 13 11 26		

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 STOT SE 3 - H336
Environmental hazards	Aquatic Chronic 3 - H412

Label elements

Hazard pictograms



Signal word	WARNING
Hazard statements	H315 Causes skin irritation. H336 May cause drowsiness or dizziness. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	P261 Avoid breathing vapour/ spray. P273 Avoid release to the environment. P280 Wear protective gloves. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P403+P233 Store in a well-ventilated place. Keep container tightly closed.
Supplemental label information	For professional users only. AUH066 Repeated exposure may cause skin dryness or cracking.
Contains	Naphtha (petroleum), hydrotreated heavy, Hydrocarbons, C7-C9, isoalkanes

## 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

Naphtha (petroleum), hydrotreated heavy

CAS number: 64742-48-9

#### Classification

Flam. Liq. 3 - H226 STOT SE 3 - H336 Asp. Tox. 1 - H304

## Hydrocarbons, C7-C9, isoalkanes

CAS number: ----

### Classification

Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411

2/15

20<30%

20<30%

3<5%

0.2<0.5%

# **Glass Glow**

Anhydrous Aluminium Silicate	
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CAS number: 92704-41-1

Substance with a Community workplace exposure limit.

#### Classification

Not Classified

#### Tallow alkylamine ethoxylate (CE35)

CAS number: 61791-26-2

#### Classification

Acute Tox. 4 - H302 Acute Tox. 2 - H330 Eye Dam. 1 - H318 Aquatic Chronic 2 - H411

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

## SECTION 4: First aid measures

## 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 effects, both acute and delayed

General informationSee Section 11 for additional information on health hazards. The severity of the symptoms<br/>described will vary dependent on the concentration and the length of exposure.

Inhalation	A single exposure may cause the following adverse effects: Headache. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Narcotic effect.		
Ingestion	May cause irritation.		
Skin contact	Redness. Irritating to skin.		
Eye contact	May cause temporary eye irritation.		
Indication of any immediate m	Indication of any immediate medical attention and special treatment needed		
Notes for the doctor	Treat symptomatically.		
SECTION 5: Firefighting meas	sures		
Extinguishing media			
Suitable 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.		
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.		
Special hazards arising from t	he substance or mixture		
Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up.		
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. Avoid discharge to the aquatic environment. 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 release	e measures		
Personal precautions, protecti	ve 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		

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).

procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material. Avoid inhalation of dust and vapours. Use suitable

respiratory protection if ventilation is inadequate.

#### 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. Dangerous for the environment. Do not empty into drains. 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 stor	age, 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. 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.		
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. 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	Miscellaneous hazardous material storage.		
Specific end use(s)			
Specific end use(s)	The identified uses for this product are detailed in Section 1.		
SECTION 8: Exposure controls	s and personal protection		
Control parameters			

# Occupational exposure limits

## Hydrocarbons, C7-C9, isoalkanes

Long-term exposure limit (8-hour TWA): WEL 241 ppm 1200 mg/m<sup>3</sup>

# Anhydrous Aluminium Silicate

Long-term exposure limit (8-hour TWA): NOHSC 10 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit. NOHSC = The National Occupational Health and Safety Commission.

Naphtha (petroleum), hydrotreated heavy (CAS: 64742-48-9)			
Ingredient comm	No exposure limits known for ingredient(s).		
	Tallow alkylamine ethoxylate (CE35) (CAS: 61791-26-2)		
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. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.		
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. Full face mask respirators with replaceable filter cartridges should comply with replaceable filter cartridges should comply 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.

# SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties			
Appearance	Viscous liquid. Emulsion.		
Colour	Green.		
Odour	Pleasant, agreeable. Organic solvents.		
Odour threshold	Not available.		
рН	pH (concentrated solution): 7.0 - 8.0		
Melting point	~ 0°C		
Initial boiling point and range	Not determined.		
Flash point	~ 43°C Closed cup.		
Evaporation rate	Not available.		
Flammability Limit - Lower(%)	Lower flammable/explosive limit: 0.6 % Upper flammable/explosive limit: 7.0 %		
Other flammability	This product does not sustain combustion, according to the sustained combustibility test L.2, Part III, section 32 of the UN Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria.		
Vapour pressure	Not available.		
Vapour density	Not available.		
Relative density	~ 0.875 @ (20°C)°C		
Solubility(ies)	Miscible with water.		
Auto-ignition temperature	~300°C		
Decomposition Temperature	Not available.		
Viscosity	7 cP @ 20°C Kinematic viscosity > 20.5 mm²/s.		
Oxidising properties	Does not meet the criteria for classification as oxidising.		

Comments	Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.	
Volatile organic compound	This product contains a maximum VOC content of 412 g/litre.	
SECTION 10: Stability and rea	activity	
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	Avoid excessive heat for prolonged periods of time. Containers can burst violently or explode when heated, due to excessive pressure build-up.	
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.	
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 in	formation	
Information on toxicological ef	fects	
<u>Acute toxicity - oral</u> Notes (oral LD₅₀)	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.	
ATE inhalation (vapours mg/l)	180.18	
Skin corrosion/irritation		
Animal data	Irritating.	
Human skin model test	Scientifically unjustified.	
Extreme pH	Moderate pH ( $> 2$ and $< 11.5$ ).	
Serious eye damage/irritation Serious eye damage/irritation	Based on available data the classification criteria are not met.	
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.	
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	STOT SE 3 - H336 May cause drowsiness or dizziness.	
Target organs	Central nervous system	
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	A single exposure may cause the following adverse effects: Headache. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Narcotic effect.	
Ingestion	May cause irritation.	
Skin Contact	Redness. Irritating to skin.	
Eye contact	May cause temporary eye irritation.	
Acute and chronic health hazards	Because of the product's quantity and composition, the health hazard is regarded as low.	
Route of exposure	Ingestion Inhalation Skin and/or eye contact	
Target Organs	Central nervous system	
Medical Symptoms	No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.	

## Toxicological information on ingredients.

## Naphtha (petroleum), hydrotreated heavy

Acute toxicity - oral		
Acute toxicity oral (LD₅₀ mg/kg)	5,000.0	
Species	Rat	
Acute toxicity - dermal		
Acute toxicity dermal (LD₅₀ mg/kg)	5,000.0	
Species	Rabbit	
		Hydrocarbons, C7-C9, isoalkanes

Acute toxicity - oral

	5 000 0
Acute toxicity oral (LD₅₀ mg/kg)	5,000.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD₅₀ mg/kg)	2,000.0
Species	Rabbit
Skin corrosion/irritation	
Animal data	Irritating.
Serious eye damage/irritati	on
Serious eye damage/irritation	Moderately irritating.
Respiratory sensitisation	
Respiratory sensitisation	There is no evidence that the material can lead to respiratory hypersensitivity.
Skin sensitisation	
Skin sensitisation	Not sensitising.
Aspiration hazard	
Aspiration hazard	Kinematic viscosity ≤ 20.5 mm²/s.
	Tallow alkylamine ethoxylate (CE35)
Other health effects	There is no evidence that the product can cause cancer.
Other health effects <u>Acute toxicity - oral</u>	There is no evidence that the product can cause cancer.
	There is no evidence that the product can cause cancer. Acute Tox. 4 - H302 Harmful if swallowed.
Acute toxicity - oral	
<u>Acute toxicity - oral</u> Notes (oral LD∞)	
<u>Acute toxicity - oral</u> Notes (oral LD∞) <u>Acute toxicity - dermal</u>	Acute Tox. 4 - H302 Harmful if swallowed.
Acute toxicity - oral Notes (oral LD <sub>50</sub> ) Acute toxicity - dermal Notes (dermal LD <sub>50</sub> )	Acute Tox. 4 - H302 Harmful if swallowed.
Acute toxicity - oral Notes (oral LD <sub>50</sub> ) Acute toxicity - dermal Notes (dermal LD <sub>50</sub> ) Acute toxicity - inhalation	Acute Tox. 4 - H302 Harmful if swallowed. Based on available data the classification criteria are not met.
Acute toxicity - oral Notes (oral LD <sub>50</sub> ) Acute toxicity - dermal Notes (dermal LD <sub>50</sub> ) Acute toxicity - inhalation Notes (inhalation LC <sub>50</sub> ) ATE inhalation (vapours	Acute Tox. 4 - H302 Harmful if swallowed. Based on available data the classification criteria are not met. Acute Tox. 2 - H330 Fatal if inhaled.
Acute toxicity - oral Notes (oral LD <sub>50</sub> ) Acute toxicity - dermal Notes (dermal LD <sub>50</sub> ) Acute toxicity - inhalation Notes (inhalation LC <sub>50</sub> ) ATE inhalation (vapours mg/l)	Acute Tox. 4 - H302 Harmful if swallowed. Based on available data the classification criteria are not met. Acute Tox. 2 - H330 Fatal if inhaled.
Acute toxicity - oral Notes (oral LD <sub>50</sub> ) Acute toxicity - dermal Notes (dermal LD <sub>50</sub> ) Acute toxicity - inhalation Notes (inhalation LC <sub>50</sub> ) ATE inhalation (vapours mg/l) Skin corrosion/irritation	Acute Tox. 4 - H302 Harmful if swallowed. Based on available data the classification criteria are not met. Acute Tox. 2 - H330 Fatal if inhaled. 0.5
Acute toxicity - oral Notes (oral LD <sub>50</sub> ) Acute toxicity - dermal Notes (dermal LD <sub>50</sub> ) Acute toxicity - inhalation Notes (inhalation LC <sub>50</sub> ) ATE inhalation (vapours mg/l) Skin corrosion/irritation Animal data	Acute Tox. 4 - H302 Harmful if swallowed. Based on available data the classification criteria are not met. Acute Tox. 2 - H330 Fatal if inhaled. 0.5 Based on available data the classification criteria are not met. ≥ 11.5 Corrosive.
Acute toxicity - oral Notes (oral LD <sub>50</sub> ) Acute toxicity - dermal Notes (dermal LD <sub>50</sub> ) Acute toxicity - inhalation Notes (inhalation LC <sub>50</sub> ) ATE inhalation (vapours mg/l) Skin corrosion/irritation Animal data Extreme pH	Acute Tox. 4 - H302 Harmful if swallowed. Based on available data the classification criteria are not met. Acute Tox. 2 - H330 Fatal if inhaled. 0.5 Based on available data the classification criteria are not met. ≥ 11.5 Corrosive.
Acute toxicity - oral Notes (oral LD <sub>50</sub> ) Acute toxicity - dermal Notes (dermal LD <sub>50</sub> ) Acute toxicity - inhalation Notes (inhalation LC <sub>50</sub> ) ATE inhalation (vapours mg/l) Skin corrosion/irritation Animal data Extreme pH Serious eye damage/irritation Serious eye	Acute Tox. 4 - H302 Harmful if swallowed. Based on available data the classification criteria are not met. Acute Tox. 2 - H330 Fatal if inhaled. 0.5 Based on available data the classification criteria are not met. ≥ 11.5 Corrosive.
Acute toxicity - oral Notes (oral LD <sub>50</sub> ) Acute toxicity - dermal Notes (dermal LD <sub>50</sub> ) Acute toxicity - inhalation Notes (inhalation LC <sub>50</sub> ) ATE inhalation (vapours mg/l) Skin corrosion/irritation Animal data Extreme pH Serious eye damage/irritati Serious eye damage/irritation	Acute Tox. 4 - H302 Harmful if swallowed. Based on available data the classification criteria are not met. Acute Tox. 2 - H330 Fatal if inhaled. 0.5 Based on available data the classification criteria are not met. ≥ 11.5 Corrosive.
Acute toxicity - oral Notes (oral LD <sub>50</sub> ) Acute toxicity - dermal Notes (dermal LD <sub>50</sub> ) Acute toxicity - inhalation Notes (inhalation LC <sub>50</sub> ) ATE inhalation (vapours mg/l) Skin corrosion/irritation Animal data Extreme pH Serious eye damage/irritati Serious eye damage/irritation Respiratory sensitisation	Acute Tox. 4 - H302 Harmful if swallowed. Based on available data the classification criteria are not met. Acute Tox. 2 - H330 Fatal if inhaled. 0.5 Based on available data the classification criteria are not met. ≥ 11.5 Corrosive. on Eye Dam. 1 - H318 Causes serious eye damage.
Acute toxicity - oral Notes (oral LD <sub>50</sub> ) Acute toxicity - dermal Notes (dermal LD <sub>50</sub> ) Acute toxicity - inhalation Notes (inhalation LC <sub>50</sub> ) ATE inhalation (vapours mg/l) Skin corrosion/irritation Animal data Extreme pH Serious eye damage/irritati Serious eye damage/irritation Respiratory sensitisation	Acute Tox. 4 - H302 Harmful if swallowed. Based on available data the classification criteria are not met. Acute Tox. 2 - H330 Fatal if inhaled. 0.5 Based on available data the classification criteria are not met. ≥ 11.5 Corrosive. on Eye Dam. 1 - H318 Causes serious eye damage.

	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			
	<b>STOT - single exposure</b> 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	A single exposure may cause the following adverse effects: Difficulty in breathing. Unconsciousness, possibly death.		
	Ingestion	May cause discomfort if swallowed. Stomach pain. Nausea, vomiting.		
	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 exposure	Ingestion Inhalation Skin and/or eye contact		
	Target Organs	No specific target organs known.		
<b>SECTION 1</b>	2: Ecological information			
Ecotoxicity	substance	ous for the environment if discharged into watercourses. The product contains ces which are toxic to aquatic organisms and which may cause long-term adverse n the aquatic environment.		
Ecological in	nformation on ingredients.			
		Naphtha (petroleum), hydrotreated heavy		
	Ecotoxicity	The product is not expected to be toxic to aquatic organisms.		
		Tallow alkylamine ethoxylate (CE35)		

# **Ecotoxicity** The product contains substances which are toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

Toxicity	Aquatic Chronic 3 - H412 Harmful to aquatic life with long lasting effects.
Acute aquatic toxicity	Not determined.
Acute toxicity - fish	
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 ingre	edients.
	Tallow alkylamine ethoxylate (CE35)
Toxicity	Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects.
Acute aquatic tox	kicity
Acute toxicity - fis	sh LC₅₀, 96 hours: 1.3 mg/l, Fish
Acute toxicity - ac invertebrates	<b>quatic</b> EC₅₀, 48 hours: 1.7 mg/l, Daphnia magna
Persistence and degradability	
Persistence and degradability	The degradability of the product is not known.
Ecological information on ingre	edients.
	Naphtha (petroleum), hydrotreated heavy
Persistence and degradability	Volatile substances are degraded in the atmosphere within a few days.
	Tallow alkylamine ethoxylate (CE35)
Persistence and degradability	The degradability of the product is not known.
Bioaccumulative potential	
Bioaccumulative Potential	No data available on bioaccumulation.
Ecological information on ingre	edients.
	Naphtha (petroleum), hydrotreated heavy
Bioaccumulative	<b>Potential</b> The product does not contain any substances expected to be bioaccumulating.
	Hydrocarbons, C7-C9, isoalkanes
Partition coefficie	ent No information available.
	Tallow alkylamine ethoxylate (CE35)
Bioaccumulative	Potential No data available on bioaccumulation.
Mobility in soil	
<b>-</b>	

Mobility	The product is water-soluble and may spread in water systems. The product contains volatile substances which may spread in the atmosphere.	
Ecological information on ingre	edients.	
	Naphtha (petroleum), hydrotreated heavy	
Mobility	The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.	
	Tallow alkylamine ethoxylate (CE35)	
Mobility	The product is water-soluble and may spread in water systems. The product is non-volatile.	
Other adverse effects		
Other adverse effects	None known.	
Ecological information on ingre	edients.	
	Tallow alkylamine ethoxylate (CE35)	
Other adverse eff	ects None known.	
SECTION 13: Disposal conside	erations	
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. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible.	
SECTION 14: Transport inform	nation	
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.		
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### 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		
Guidance	Safety Data Sheets for Substances and Preparations.	
Schedule (SUSMP)	Schedule 5. Caution.	

#### Inventories

Australia - AIIC

All the ingredients are listed or exempt.

# SECTION 16: Any other relevant information

General information	This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems.
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	10/05/2021
Revision	10
Supersedes date	22/10/2019
SDS No.	10974
SDS status	Approved.
Hazard statements in full	<ul> <li>H225 Highly flammable liquid and vapour.</li> <li>H226 Flammable liquid and vapour.</li> <li>H302 Harmful if swallowed.</li> <li>H304 May be fatal if swallowed and enters airways.</li> <li>H315 Causes skin irritation.</li> <li>H318 Causes serious eye damage.</li> <li>H330 Fatal if inhaled.</li> <li>H336 May cause drowsiness or dizziness.</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.