



## SAFETY DATA SHEET

### Smart Screen Wash

#### SECTION 1: Identification: Product identifier and chemical identity

##### Product identifier

**Product name** Smart Screen Wash

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

**Application** Car maintenance product. - Screenwash

**Uses advised against** This product is not recommended for any industrial, professional or consumer use other than the Identified uses above. For professional use only.

##### Details of the supplier of the safety data sheet

**Supplier** Autosmart Australia  
 11 Darrambal Close  
 Rathmines  
 NSW 2283  
 Australia  
[www.autosmartaustralia.com.au](http://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](mailto:autosmart@autosmartaustralia.com.au)

**Contact Person** Mr. Russell Butler

##### Emergency telephone number

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

**National emergency telephone number** Poison Information Hotline: 13 11 26

#### SECTION 2: Hazard(s) identification

##### Classification of the substance or mixture

**Physical hazards** Not Classified

**Health hazards** STOT SE 2 - H371

**Environmental hazards** Not Classified

##### Label elements

##### Hazard pictograms



**Signal word** WARNING

**Hazard statements** H371 May cause damage to organs .

## Smart Screen Wash

<b>Precautionary statements</b>	<p>P260 Do not breathe vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P270 Do not eat, drink or smoke when using this product.</p> <p>P308+P311 IF exposed or concerned: Call a POISON CENTER or doctor/ physician.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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<b>Contains</b>	METHANOL
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### 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

<p><b>Ethanediol</b> <span style="float: right;">3&lt;5%</span></p> <p>CAS number: 107-21-1</p> <p>Substance with National workplace exposure limits.</p>
<p><b>Classification</b></p> <p>Acute Tox. 4 - H302</p> <p>STOT RE 2 - H373</p>
<p><b>METHANOL</b> <span style="float: right;">3&lt;5%</span></p> <p>CAS number: 67-56-1</p> <p>Substance with a Community workplace exposure limit.</p>
<p><b>Classification</b></p> <p>Flam. Liq. 2 - H225</p> <p>Acute Tox. 3 - H301</p> <p>Acute Tox. 3 - H311</p> <p>Acute Tox. 3 - H331</p> <p>STOT SE 1 - H370</p>
<p><b>2,2',2"-nitrilotriethanol</b> <span style="float: right;">0.1&lt;0.2%</span></p> <p>CAS number: 102-71-6</p>
<p><b>Classification</b></p> <p>Not Classified</p>

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

### SECTION 4: First aid measures

#### Description of first aid measures

<b>General information</b>	Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.
<b>Inhalation</b>	<p>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.</p> <p>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.</p>

## Smart Screen Wash

<b>Ingestion</b>	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.
<b>Skin Contact</b>	Rinse with water.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes.
<b>Protection of first aiders</b>	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

<b>General information</b>	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.
<b>Inhalation</b>	A single exposure may cause the following adverse effects: Pain or irritation. Intoxication. Narcotic effect. Muscle weakness. Nausea, vomiting.
<b>Ingestion</b>	A single exposure may cause the following adverse effects: Intoxication. Nausea, vomiting. May cause drowsiness or dizziness. Central nervous system depression. May cause severe internal injury.
<b>Skin contact</b>	A single exposure may cause the following adverse effects: Pain.
<b>Eye contact</b>	May cause temporary eye irritation.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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### **SECTION 5: Firefighting measures**

#### Extinguishing media

<b>Suitable extinguishing media</b>	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.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

<b>Specific hazards</b>	Containers can burst violently or explode when heated, due to excessive pressure build-up.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

#### Advice for firefighters

## Smart Screen Wash

<b>Protective actions during firefighting</b>	Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
<b>Special protective equipment for firefighters</b>	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 measures

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

<b>Personal precautions</b>	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. Avoid inhalation of dust and vapours. Use suitable respiratory protection if ventilation is inadequate.
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#### Environmental precautions

<b>Environmental precautions</b>	Large Spillages: Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).
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#### Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	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.
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#### Reference to other sections

<b>Reference to other sections</b>	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.
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### SECTION 7: Handling and storage, including how the chemical may be safely used

#### Precautions for safe handling

## Smart Screen Wash

<b>Usage precautions</b>	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.
<b>Advice on general occupational hygiene</b>	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.
<b><u>Conditions for safe storage, including any incompatibilities</u></b>	
<b>Storage precautions</b>	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.
<b>Storage class</b>	Acid-reactive storage.
<b><u>Specific end use(s)</u></b>	
<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.

### SECTION 8: Exposure controls and personal protection

#### Control parameters

#### Occupational exposure limits

##### **Ethanediol**

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

Sk

Long-term exposure limit (8-hour TWA): 20 ppm 52 mg/m<sup>3</sup> vapour

Short-term exposure limit (15-minute): 40 ppm 104 mg/m<sup>3</sup> vapour

Sk

##### **METHANOL**

Long-term exposure limit (8-hour TWA): NOHSC 200 ppm 262 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): NOHSC 250 ppm 328 mg/m<sup>3</sup>

##### **2,2',2"-nitrilotriethanol**

Long-term exposure limit (8-hour TWA): 5 mg/m<sup>3</sup>

Sen

NOHSC = The National Occupational Health and Safety Commission.

Sk = Absorption through the skin may be a significant source of exposure.

Sen = Respiratory and/or skin sensitiser.

#### Exposure controls

##### **Protective equipment**



## Smart Screen Wash

<b>Appropriate engineering controls</b>	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.
<b>Eye/face protection</b>	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.
<b>Hand protection</b>	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.
<b>Other skin and body protection</b>	Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.
<b>Hygiene measures</b>	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.
<b>Respiratory protection</b>	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.
<b>Environmental exposure controls</b>	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.

## Smart Screen Wash

### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Solvent.
<b>Odour threshold</b>	Not applicable.
<b>pH</b>	pH (concentrated solution): ~ 10.1 pH (diluted solution): ~ 8.6 @ 1%
<b>Melting point</b>	- 15°C
<b>Initial boiling point and range</b>	~ 100°C @ 760 mm Hg
<b>Flash point</b>	> 42°C Closed cup.
<b>Evaporation rate</b>	< 1 BuAc=1
<b>Flammability Limit - Lower(%)</b>	Not available.
<b>Other flammability</b>	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.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	~ 0.991 @ 20°C
<b>Solubility(ies)</b>	Soluble in water. Miscible with water.
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition Temperature</b>	Not applicable.
<b>Viscosity</b>	~ 1 cSt @ 20°C
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.
<b>Comments</b>	Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.
<b>Volatile organic compound</b>	This product contains a maximum VOC content of 40 g/litre.

### SECTION 10: Stability and reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
<b>Possibility of hazardous reactions</b>	No potentially hazardous reactions known.
<b>Conditions to avoid</b>	There are no known conditions that are likely to result in a hazardous situation.
<b>Materials to avoid</b>	Acid anhydrides. Acids. Phenols, cresols.

## Smart Screen Wash

**Hazardous decomposition products** Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

### SECTION 11: Toxicological information

#### Information on toxicological effects

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 4,414.36

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE dermal (mg/kg)** 7,471.98

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE inhalation (vapours mg/l)** 74.72

**ATE inhalation (dusts/mists mg/l)** 12.45

##### Skin corrosion/irritation

**Animal data** Based on available data the classification criteria are not met.

##### 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.

##### **IARC carcinogenicity**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

##### 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 2 - H371 May cause damage to organs .

##### 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.



## Smart Screen Wash

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	A single exposure may cause the following adverse effects: Pain or irritation. Intoxication. Narcotic effect. Muscle weakness. Nausea, vomiting.
<b>Ingestion</b>	A single exposure may cause the following adverse effects: Intoxication. Nausea, vomiting. May cause drowsiness or dizziness. Central nervous system depression. May cause severe internal injury.
<b>Skin Contact</b>	A single exposure may cause the following adverse effects: Pain.
<b>Eye contact</b>	May cause temporary eye irritation.
<b>Route of exposure</b>	Ingestion Inhalation Skin and/or eye contact
<b>Target Organs</b>	No specific target organs known.

### Toxicological information on ingredients.

#### Ethanediol

##### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 35,000.0 mg/kg)

Species Mouse

##### Serious eye damage/irritation

Serious eye damage/irritation Not irritating.

##### Respiratory sensitisation

Respiratory sensitisation Not sensitising.

##### Skin sensitisation

Skin sensitisation Not sensitising.

##### Germ cell mutagenicity

Genotoxicity - in vitro Gene mutation:: Negative. This substance has no evidence of mutagenic properties.

##### Carcinogenicity

Carcinogenicity Not available.

##### Reproductive toxicity

Reproductive toxicity - fertility Fertility: - > 1000 mg/kg, Oral, Rat Does not contain any substances known to be toxic to reproduction.

Reproductive toxicity - development Not available.

##### Specific target organ toxicity - single exposure

STOT - single exposure Not available.

##### Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 200 mg/kg, Oral, Rat

## Smart Screen Wash

**Ingestion** Harmful if swallowed.

### METHANOL

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 1,130.0

**Species** Human

**ATE oral (mg/kg)** 300.0

#### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 15,800.0

**Species** Rabbit

**ATE dermal (mg/kg)** 300.0

#### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)** 128.2

**Species** Rat

**ATE inhalation (vapours mg/l)** 3.0

**ATE inhalation (dusts/mists mg/l)** 0.5

#### Serious eye damage/irritation

**Serious eye damage/irritation** Not irritating.

#### Respiratory sensitisation

**Respiratory sensitisation** Guinea pig: Not sensitising.

#### Skin sensitisation

**Skin sensitisation** Not sensitising.

#### Germ cell mutagenicity

**Genotoxicity - in vitro** : Negative. This substance has no evidence of mutagenic properties.

#### Carcinogenicity

**Carcinogenicity** There is no evidence that the product can cause cancer.

#### Reproductive toxicity

**Reproductive toxicity - fertility** - NOAEC 1.33 , , Rat Conclusive data but not sufficient for classification.

#### Specific target organ toxicity - single exposure

**STOT - single exposure** LOAEL 2000 mg/kg, Oral, Rat

**Target organs** Eyes

#### Specific target organ toxicity - repeated exposure

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<b>STOT - repeated exposure</b>	NOAEC 0.13 mg/l/6hr/day, Inhalation, Rat
<b>Target organs</b>	Heart and cardiovascular system Brain Liver Eyes
<b>Inhalation</b>	Toxic by inhalation. The product contains organic solvents. Overexposure may depress the central nervous system, causing dizziness and intoxication.
<b>Ingestion</b>	Toxic: danger of very serious irreversible effects if swallowed. Swallowing concentrated chemical may cause severe internal injury. May cause nausea, headache, dizziness and intoxication. May cause unconsciousness, blindness and possibly death.
<b>Skin Contact</b>	Toxic: danger of serious damage to health by prolonged exposure in contact with skin. Repeated exposure may cause skin dryness or cracking.
<b>Eye contact</b>	Severe irritation, burning and tearing. A single exposure may cause the following adverse effects: Corneal damage.
<b>Route of exposure</b>	Inhalation Ingestion. Skin and/or eye contact
<b>Target Organs</b>	Central nervous system Eyes Gastro-intestinal tract Skin

### 2,2',2"-nitrioltriethanol

#### Carcinogenicity

**IARC carcinogenicity** IARC Group 3 Not classifiable as to its carcinogenicity to humans.

## 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.

##### Ethenediol

**Ecotoxicity** The product is not expected to be hazardous to the environment.

##### METHANOL

**Ecotoxicity** Not regarded as dangerous for the environment.

**Toxicity** Based on available data the classification criteria are not met.

#### Ecological information on ingredients.

##### Ethenediol

#### Acute aquatic toxicity

**Acute toxicity - fish** LC50, 96 hours: ~ 72860 mg/l, Pimephales promelas (Fat-head Minnow)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: > 100 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 96 hours: > 6500 mg/l, Selenastrum capricornutum

**Acute toxicity - microorganisms** EC20, 30 minutes: > 1995 mg/l, Activated sludge

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### Chronic aquatic toxicity

**Chronic toxicity - fish early life stage** NOEC, ~: ~ 15380 mg/l, Pimephales promelas (Fat-head Minnow)

### METHANOL

### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 48 hours: > 10000 mg/l, Leuciscus idus (Golden orfe)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: > 1000 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 96 hours: 22000 mg/l, Selenastrum capricornutum

### 2,2',2"-nitrilotriethanol

### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 5600 mg/l, Fish

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 947 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** IC<sub>50</sub>, 72 hours: >5000 mg/l, Algae

### Persistence and degradability

**Persistence and degradability** The degradability of the product is not known.

### Ecological information on ingredients.

#### Ethanediol

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

#### METHANOL

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

**Biodegradation** Degradation (%)  
- 82.7: 5 days

#### 2,2',2"-nitrilotriethanol

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

### Bioaccumulative potential

**Bioaccumulative Potential** No data available on bioaccumulation.

**Partition coefficient** Not available.

### Ecological information on ingredients.

#### Ethanediol

## Smart Screen Wash

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

**Partition coefficient** log Pow: 1.93

### METHANOL

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

**Partition coefficient** : ~ 0.77

### 2,2',2''-nitrilotriethanol

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

### Mobility in soil

**Mobility** The product is water-soluble and may spread in water systems. The product is non-volatile.

### Ecological information on ingredients.

#### Ethanediol

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

**Adsorption/desorption coefficient** Water - Koc: ~ 1 @ 20°C

**Henry's law constant** ~ 0.1327 atm m<sup>3</sup>/mol @ 20°C

#### METHANOL

**Mobility** The product is soluble in water. The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

**Adsorption/desorption coefficient** Not available.

### 2,2',2''-nitrilotriethanol

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

### Other adverse effects

**Other adverse effects** None known.

### Ecological information on ingredients.

#### Ethanediol

**Other adverse effects** None known.

#### METHANOL

**Other adverse effects** The product contains volatile organic compounds (VOCs) which have a photochemical ozone creation potential.

## SECTION 13: Disposal considerations

### Waste treatment methods

## Smart Screen Wash

### 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 information

### 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

## Smart Screen Wash

<b>National regulations</b>	<p>The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).          National Code of Practice for the Preparation of Material Safety Data Sheets.          Approved Criteria for Classifying Hazardous Substances.          Exposure Standards for Atmospheric Contaminants in the Occupational Environment.          Guidance Note on the Interpretation of Exposure Standards for Atmospheric Contaminants in the Occupational Environment.          National Code of Practice for the Labelling of Workplace Substances.          National Model Regulations for the Control of Workplace Hazardous Substances.          National Code of Practice for the Control of Workplace Hazardous Substances.          National Standard for the Storage and Handling of Workplace Dangerous Goods.          National Code of Practice for the Storage and Handling of Workplace Dangerous Goods.          Guidance Note for Placarding Stores for Dangerous Goods and Specified Hazardous Substances. Guidance Note for the Assessment of Health Risks Arising from Hazardous Substances in the Workplace.          National Standard for the Control of Major Hazard Facilities. National Code of Practice for the Control of Major Hazard Facilities.</p>
<b>Schedule (SUSMP)</b>	Schedule 6. Poison.

### Inventories

#### Australia - AIC

All the ingredients are listed or exempt.

### SECTION 16: Any other relevant information

<b>Training advice</b>	Read and follow manufacturer's recommendations. Only trained personnel should use this material.
<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision.
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<b>Revision date</b>	19/07/2022
<b>Revision</b>	1
<b>SDS No.</b>	22187
<b>SDS status</b>	Approved.
<b>Hazard statements in full</b>	<p>H225 Highly flammable liquid and vapour.          H301 Toxic if swallowed.          H302 Harmful if swallowed.          H311 Toxic in contact with skin.          H331 Toxic if inhaled.          H370 Causes damage to organs .          H371 May cause damage to organs .          H373 May cause damage to organs through prolonged or repeated exposure if swallowed.</p>

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.