

# Safety Data Sheet

Infosafe No™ 5APIW Issue Date : December 2016 Status : ISSUED

Product Name **RAPID ECO-CLEAN**

Classified as hazardous

## 1. Identification

**GHS Product Identifier** RAPID ECO-CLEAN  
**Product Code** 140500; 140510  
**Company Name** ITW AAMTech (ABN 63 004 235 063)  
**Address** 1-9 NINA LINK DANDENONG SOUTH  
VIC 3175 AUSTRALIA  
**Telephone/Fax Number** Tel: 1800 177 989  
Fax: +61 2 9725 4698  
**Emergency phone number** 1800 638 556  
**E-mail Address** info@aamtech.com.au  
**Recommended use of the chemical and restrictions on use** Heavy duty cleaner disinfectant sanitiser.  
**Other Information** Website: www.aamtech.com.au  
\*  
Email: info@aamtech.com.au  
\*

## 2. Hazard Identification

**GHS classification of the substance/mixture** Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals GHS  
\*\*Note: the formula for this product is unchanged.  
The calculation rules used by GHS require that in most instances, products containing greater than 3% surfactant are classified as Serious Eye Damage Cat 1. This requires the Danger signal word and Corrosive pictogram on the label. Under the previous NOHSC classification rules, products containing similar levels of surfactant would be classified as either non-hazardous or irritant.\*  
^  
Eye Damage/Irritation: Category 1  
Skin Corrosion/Irritation: Category 2

**Signal Word (s)** DANGER

**Hazard Statement (s)** Causes serious eye damage.  
Causes skin irritation.

**Pictogram (s)** Corrosion



**Precautionary statement – Prevention** Avoid contact with skin and eyes  
Wear protective gloves and eye protection.  
Wash hands thoroughly after handling

**Precautionary statement – Response** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
For advice, contact Poisons Information Centre (AUS 131 126; NZ 0800 764 766) or a doctor.

**Precautionary statement – Storage** Store in a dry place. Store in a closed container.

## 3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Alcohols C12-C14, Ethoxylated	68439-50-9	0-5 %

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<u>Ingredients</u>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Benzalkonium chloride	8001-54-5	0-<3 %
	Sodium Metasilicate, Anhydrous	6834-92-0	0-<3 %
	d-Limonene	5989-27-5	0-<1 %
	Antioxidant	Proprietary	0-<0.1 %
	Other ingredients determined not to be hazardous	Not required	Balance

## 4. First-aid measures

<b>Inhalation</b>	In case of overexposure, move exposed person to fresh air. Ensure airways are clear and have a qualified person give oxygen through a face mask if breathing is difficult. Seek medical attention.
<b>Ingestion</b>	If swallowed, DO NOT induce vomiting. Give a glass of water to drink. Seek medical attention.
<b>Skin</b>	Rinse thoroughly with water. Remove contaminated clothing and wash before re-use. Seek medical attention if symptoms persist.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower lids. Remove contact lenses if worn. Seek medical attention at once.
<b>First Aid Facilities</b>	Safety showers, eye wash fountains or running water.
<b>Advice to Doctor</b>	Treat symptomatically.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use water fog, foam, dry chemical or carbon dioxide for surrounding fires as governed by adjacent materials.
<b>Hazards from Combustion</b>	When subjected to high heat, may decompose to form water, carbon monoxide, carbon dioxide and other unidentified organic compounds.
<b>Products</b>	
<b>Specific Methods</b>	If safe to do so, remove containers from path of fire.

## 6. Accidental release measures

<b>Emergency Procedures</b>	Stop leak if safe to do so. Prevent spilled material from spreading or entering drains by banking with sand or earth.
<b>Methods and materials for containment and cleaning up</b>	Mop up (mop or sponge) or wash small spills to drain with excess water. Large spills should be contained and collected, or absorbed onto inert material (eg sand, earth or vermiculite) and placed in clean, labelled plastic or plastic lined containers for disposal. Wash area thoroughly with water and ensure surface is not slippery afterwards.

## 7. Handling and storage

<b>Precautions for Safe Handling</b>	Adverse health effects would not be expected under recommended conditions of use so long as prescribed safety precautions are practised.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in original containers in a clean, dry, cool, well ventilated place away from foodstuffs

## 8. Exposure controls/personal protection

<b>Biological Limit Values</b>	No biological limit values assigned to this product or its ingredients.
<b>Appropriate engineering controls</b>	Natural ventilation adequate if spray mist generation is minimised. Keep containers closed when not in use.
<b>Respiratory Protection</b>	Avoid breathing vapours. No special measures required when used according to directions.
<b>Personal Protective Equipment</b>	The wearing of rubber or PVC gloves is recommended. Wear chemical goggles if handling large amounts or if splashing is likely to occur.

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**Special Protective Measures** Ensure that a foaming head is used on all spray atomiser containers to reduce the generation of spray mists which are irritating.

## 9. Physical and chemical properties

**Appearance** Clear yellow mobile foamy liquid, citrus fragrance.

**Melting Point** N/A

**Boiling Point** Approx. 100°C

**Solubility in Water** Soluble

**Specific Gravity** 1.02 @ 25°C

**pH** 12.0 - 13.0

**Vapour Pressure** Not determined

**Volatile Component** 88% w/w

**Flash Point** This product will not flash and does not support combustion.

**Flammability** Non-flammable, non-combustible. No specific fire hazards associated with product. No specific ventilation, earthing or flameproofing requirements.

**Flammable Limits - Lower** Not applicable

**Flammable Limits - Upper** Not applicable

## 10. Stability and reactivity

**Chemical Stability** Stable under normal conditions of use.

**Conditions to Avoid** Avoid contact with strong oxidisers and acids. Avoid storing at temperatures above 50°C.

**Incompatible Materials** Strong oxidisers and acids.

**Hazardous Decomposition Products** When subjected to high heat may decompose to form water, carbon monoxide, carbon dioxide and other unidentified organic compounds.

**Possibility of hazardous reactions** Hazardous polymerization will not occur.

## 11. Toxicological Information

**Ingestion** Ingestion of concentrate may irritate mouth, oesophagus and stomach.

**Inhalation** May be irritating to respiratory system. Avoid breathing vapours.

**Skin** Skin contact without rinsing may produce mild skin irritation.

**Eye** Contact may lead to irritation characterized by redness, watering and/or itching.

**Skin Sensitisation** Oxidation by-products of d-limonene are considered by SafeWork Australia to be skin sensitisers. However the oxidisation potential in this product is minimised by the addition of an antioxidant as recommended in the International Fragrance Association(IFRA) guidelines. Individuals with a known allergy to citrus fruits and/or their by-products should avoid contact with products containing d-limonene.

**Chronic Effects** Repeated or prolonged exposure to this material may result in skin irritation.

## 12. Ecological information

**Persistence and degradability** The nonionic surfactant contained in this product is readily biodegradable, but is regarded as toxic to aquatic organisms. OECD 302B testing of the quaternary ammonium compound contained in this product indicates that it is readily biodegraded, but it is also regarded as toxic to aquatic organisms. Therefore, the undiluted product should be prevented from entering waterways. If possible, the expended material should be drained to the sewer as sewerage

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treatment will greatly reduce damage to water quality. Whilst the aquatic toxicity of the components is relatively high (96 hour maximum safe concentration in the order of 1-5 mg/L), dilution of the product with the large excesses of water present and the relatively rapid biodegradation of the surfactants and quaternary ammonium compound should ensure minimal ecotoxicity.

## Mobility

Soluble in water.

## 13. Disposal considerations

**Waste Disposal** Refer to Waste Management Authority in your state. Dispose of material through a licenced waste contractor.

**Product Disposal** Recycle or dispose of in accordance with prevailing regulations, preferably to a recognised collector or contractor.

**Container Disposal** Rinse out container with water and dispose with drum or plastics recycler.

## 14. Transport information

**Transport Information** Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**Air Transport**  
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

**Marine Transport**  
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**IMDG Marine pollutant** d-Limonene (Dipentene - UN 2052) is considered by IMO to be a Marine Pollutant. However, this product contains less than 2% d-Limonene and is therefore not considered to be a Marine Pollutant according to the IMDG Code.

## 15. Regulatory information

**Poisons Schedule** S5

**AICS (Australia)** All products are listed.

## 16. Other Information

**Literature References**

Safe Work Australia: Hazardous Substances Information System. Hazard Classification, Risk and Safety Phrases and Exposure Standards information. National Code of Practice for the Preparation of Material Safety Data Sheets, 2nd Edition [NOHSC:2011(2003)]

Approved Criteria for Classifying Hazardous Substances, 3rd Edition [NOHSC:1008(2004)]

Australian Code for the Transport of Dangerous Goods by Road and Rail.

International Maritime Dangerous Goods Code.

International Air Transport Association Dangerous Goods Regulations.

International Fragrance Association Code and Guidelines: Limonene[online] at <http://www.ifraorg.org/Guidelines.asp>

Australian Standard (AS 4351.1-1996) Biodegradability - Organic compounds in an aqueous medium - Method for determining and reporting biodegradability.

**Contact Person/Point**

Australia:  
24 HOUR EMERGENCY CONTACT (Chemical Safety International): 1 800 638 556  
Poisons Information Centre (Australia): 13 11 26

New Zealand:  
24 HOUR EMERGENCY CONTACT (Chemical Safety International): 0800 154 666  
NZ National Poisons Centre (24 Hour): 0800 764 766

**DISCLAIMER:**  
This Safety Data Sheet summarises at the date of issue to the best of our knowledge, the health and safety hazards of the product and how to safely handle and use the product.  
As ITW AAMTech cannot anticipate or control the conditions under which the product is used, customers are encouraged, prior to usage, to assess and control the risks associated with their use of the product.  
Data sheets from unauthorised sources may contain information that is no longer current or accurate.

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This SDS is valid for 5 years from date of issue. However, this version may be revoked and revised at any time, and users should contact ITW AAMTech to ensure they are in possession of the latest version.

AMS

**Signature of  
Preparer/Data  
Service**

...End Of MSDS...

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