

# Material Safety Data Sheet

Infosafe No™ 5APHW Issue Date : March 2016 Status : ISSUED

Product Name **SEPTONE SUPERCLENE**

Classified as hazardous according to criteria of NOHSC.

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** SEPTONE SUPERCLENE  
**Product Code** HSS5;HSS20;HSS200  
**Company Name** ITW AAMTech (ABN 63 004 235 063)  
**Address** 1-9 NINA LINK DANDENONG SOUTH  
VIC 3175 AUSTRALIA  
**Emergency Tel.** 1800 638 556  
**Telephone/Fax Number** Tel: 1800 177 989  
Fax: +61 2 9725 4698  
**Email** info@aamtech.com.au  
**Recommended Use** Heavy duty general purpose cleaner/degreaser.  
**Other Information** Website: www.aamtech.com.au  
\*  
Email: info@aamtech.com.au  
\*  
New Zealand  
2/38 Trugood Drive, East Tamaki, Auckland  
Tel: 0800 438 996

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** Classified as hazardous according to criteria of NOHSC.  
HAZARDOUS SUBSTANCE.  
NON-DANGEROUS GOODS.

**Risk Phrase(s)** Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).  
Not Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)  
Classified as hazardous according to criteria of NOHSC.  
R36/38 Irritating to eyes and skin.  
R43 May cause sensitization by skin contact.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety Phrase(s)** S1/2 Keep locked up and out of reach of children.  
S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S61 Avoid release to the environment. Refer to special instructions/safety data sheet.

**Other Information** GHS CLASSIFICATION  
WARNING  
PICTOGRAM: Exclamation Mark  
CLASSIFICATION: Eye Damage/Irritant Cat 2; Skin Corr/Irritant Cat 2; Skin Sens Cat 1  
HAZARD STATEMENTS  
H315 Causes skin irritation  
H319 Causes serious eye irritation  
H317 May cause an allergic skin reaction  
PRECAUTIONARY STATEMENTS  
Wear eye protection and protective gloves  
Wash hands thoroughly after handling  
Avoid breathing mists, vapours or sprays

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Characterization** Liquid

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Water	7732-18-5	60-100 %

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Ingredients	Name	CAS	Proportion
	Sodium metasilicate	6834-92-0	0-<10 %
	d-Limonene	5989-27-5	0-<5 %
	Ingredients determined not to be hazardous		Balance
Other Information	Oxidation by-products of d-Limonene are considered by NICNAS to be skin sensitisers. However, the level of oxidation by-products contained in this product is minimised through the use of antioxidants and through specifying that the d-Limonene used in this product meets the guidelines recommended by IFRA for peroxide value. Any individual with a known allergy to citrus fruits and their products should avoid contact with products containing d-Limonene.		

## 4. FIRST AID MEASURES

Inhalation	Remove the victim from the source of exposure to fresh air. If symptoms continue, seek medical attention.
Ingestion	If swallowed, do NOT induce vomiting. Give water to drink. Seek medical attention.
Skin	Wash affected skin with plenty of fresh water. Remove contaminated clothing and launder before re-use.
Eye	Hold the eyes open and flush with water for at least 15 minutes. Continue flushing for another 15 minutes if symptoms persist. Seek medical attention if symptoms continue.
First Aid Facilities	Eye wash and normal washroom facilities.
Advice to Doctor	Treat symptomatically, as for alkaline material.

## 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use the extinguisher appropriate to the principal fire hazard or to the source of the fire.
Hazards from Combustion Products	Following the evaporation of water from the product if it is involved in a fire, the residue may produce carbon monoxide as well as other unidentifiable organic compounds.
Special Protective Equipment for fire fighters	Firefighters are to wear protective equipment appropriate to the principal fire hazard or the source of the fire. No special protective equipment required if this product is involved in a fire.

## 6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal	Spillages are slippery. Personnel involved in cleaning up any spills are to wear rubber or PVC gloves and chemical goggles. Cordon off the spillage area. Isolate the source of the spillage or leak. For large amounts, contain the spillage using a suitable non-flammable absorbent material such as sand or diatomaceous earth, and then transfer to sealed plastic containers. For small amounts (<5L), wash the product to the drain with a large excess of water.
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## 7. HANDLING AND STORAGE

Conditions for Safe Storage	Store in plastic containers in a clean, dry, cool, well ventilated place away from foodstuffs. Handle the product appropriately and in accordance with industrial standards. Rotate stock. Do not use if 'Best Before' date has passed.
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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Biological Limit Values	No biological limit values assigned to this product or its components.
Engineering Controls	Natural ventilation adequate under normal conditions of use. Keep containers closed when not in use.
Personal Protective Equipment	Wear rubber or PVC gloves and goggles or safety glasses if handling large amounts or if splashing is likely to occur. Discontinue use immediately upon signs of skin irritation or sensitisation.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Appearance	Clear orange/red viscous liquid, orange fragrance

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<b>Boiling Point</b>	100°C
<b>Solubility in Water</b>	Complete
<b>Specific Gravity</b>	approx 1.06
<b>pH Value</b>	12.6 neat
<b>Evaporation Rate</b>	As for Water
<b>Volatile Component</b>	83% w/w
<b>Flash Point</b>	This product will not flash and does not support combustion.
<b>Flammability</b>	This product is not flammable under the conditions of use and does not support combustion.

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Considered stable to heat and light, however optimum storage is at temperatures below 30 degrees Celsius and out of direct sunlight
<b>Conditions to Avoid</b>	None known.
<b>Incompatible Materials</b>	Strong oxidising agents e.g. hydrogen peroxide, nitric acid
<b>Hazardous Decomposition Products</b>	Following the evaporation of all water from this product in a fire, this product may produce carbon monoxide as well as other unidentifiable organic compounds during combustion.
<b>Hazardous Polymerization</b>	Will not occur.

## 11. TOXICOLOGICAL INFORMATION

<b>Inhalation</b>	Irritating. At the recommended dilution rates, spray mists are unlikely to cause irritation.
<b>Ingestion</b>	Irritating. May cause nausea, stomach pain and vomiting. Oral LD50 (rat) > 5000 mg/kg for d-Limonene. Oral LD50 (rat) 1153 mg/kg for Sodium Metasilicate.
<b>Skin</b>	Skin irritant. Repeated or prolonged skin contact may lead to de-fatting of the skin, which can lead to the onset of dermatitis. Oxidation by-products of d-Limonene may lead to skin sensitization in persons with an allergy to citrus fruits and their products.
<b>Eye</b>	Moderate eye irritant. May cause tearing, stinging and redness of the eye.
<b>Chronic Effects</b>	Repeated or prolonged skin contact may cause defatting of the skin leading to chronic dermatitis.
<b>Skin Sensitisation</b>	Oxidation by-products of d-Limonene are considered by NICNAS to be skin sensitizers. However, the level of oxidation by-products contained in this product is minimised through the use of antioxidants and through specifying that the d-Limonene used in this product meets the guidelines recommended by IFRA for peroxide value. Any individual with a known allergy to citrus fruits and their products should avoid contact with products containing d-Limonene.

## 12. ECOLOGICAL INFORMATION

<b>Mobility</b>	Soluble in water.
<b>Short Summary of Assessment of Environmental Impact</b>	The surfactants contained in this product are readily biodegradable when tested according to AS1792. d-Limonene is also regarded as being biodegradable when tested according to internationally recognised protocols such as 40CFR 796.3240. IMO regards d-Limonene as a Marine Pollutant, but only at levels of > 10%. Because this product contains < 10% d-Limonene, it is not required to be labelled as a Marine Pollutant. NICNAS has reported that d-Limonene poses a low risk for acute toxic effects on aquatic organisms, a low risk for acute toxicity to terrestrial organisms from direct exposure to d-Limonene in air, that d-Limonene has not been identified as an air toxic in Australia, and that d-Limonene may bioaccumulate in fish and other organisms. None of the other components of this product is expected to bioaccumulate. This product and its biodegradation products are expected to have a low environmental impact and a low aquatic toxicity. This product contains < 0.1% Phosphorous, and is

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expected to make a negligible impact on eutrophication of waterways. Diluted end use solutions of this product may safely be disposed of in septic and bio-cycle systems or to the sewer.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal** Dispose of undiluted product in a chemical dump according to local authority statutory requirements. For small amounts of diluted-end use solutions, wash the product to sewer with plenty of water. For large amounts of diluted end-use solutions, product may be washed to sewer after pH adjustment. Note: while this product is classified as Dangerous for the Environment (R51/R53) based on the d-Limonene content and on the criteria specified in NOHSC:1008 and Annex III of Directive 1999/45/EC, diluted end use solutions do not meet the criteria and are therefore not classified as Dangerous for the Environment.

**Container Disposal** Empty containers may be rinsed clean with water then recycled.

## 14. TRANSPORT INFORMATION

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

**IMDG Marine Pollutant (MP)** No

## 15. REGULATORY INFORMATION

**Regulatory Information** Classified as hazardous according to criteria of NOHSC. HAZARDOUS SUBSTANCE. SCHEDULED POISON.

Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).  
Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).  
S5

**Poisons Schedule**

**HSNO Approval Number** Cleaning Products (Subsidiary Hazard) Group Standard 2006  
HSNO Approval Number is HSR002530  
Classification 6.3A, 6.4A, 6.5B

**Hazard Category** Irritant, Dangerous for the environment

**AICS (Australia)** All components listed.

## 16. OTHER INFORMATION

**Date of preparation or last revision of MSDS** Replaces SDS dated March 2011

**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 Material 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.  
This MSDS 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.

**Literature References** Safe Work Australia: Hazardous Substances Information System. Hazard

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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.

AMS

**Signature of  
Preparer/Data  
Service**

...End Of MSDS...

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