

# Material Safety Data Sheet

Infosafe No™. K1H3U Issue Date: March 2011

ISSUED by SEPTONE <sup>CS:</sup> 1.4.95

Product Name: **SUPERCLENE**

**Classified as hazardous**

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## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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**Product Name** SUPERCLENE  
**Product Code** HSS5, HSS20, HSS200  
**Company Name** Septone Products Pty Ltd (ABN 50 009 745 537)  
**Address** 44 Aquarium Avenue HEMMANT  
QLD 4174  
**Emergency Tel.** After hours only: (07) 3821 0623  
**Telephone/Fax Number** Tel: (07) 3390 5044  
Fax: (07) 3390 5041  
**Email** general@septone.com.au  
**Recommended Use** Heavy duty general purpose cleaner/degreaser.  
**Other Information** The information herein is, to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions of application are beyond our control, Septone does not accept liability for any damages resulting from the use of, or reliance on, this information, in inappropriate contexts.

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## 2. HAZARDS IDENTIFICATION

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**Hazard Classification** Classified as hazardous  
HAZARDOUS SUBSTANCE.  
NON-DANGEROUS GOODS.  
Hazard classification according to the criteria of NOHSC.  
Dangerous goods classification according to the Australia Dangerous Goods Code.

**Risk Phrase(s)** Classified as hazardous  
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.

<b>Safety Phrase(s)</b>	<p>S1/2 Keep locked up and out of reach of children.</p> <p>S13 Keep away from food, drink and animal feeding stuffs.</p> <p>S24/25 Avoid contact with skin and eyes.</p> <p>S36/37 Wear suitable protective clothing and gloves.</p> <p>S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.</p> <p>S45 In case of accident or if you feel unwell seek medical advice immediately</p> <p>S60 This material and its container must be disposed of as hazardous waste.</p> <p>S61 Avoid release to the environment. Refer to special instructions/safety data sheet.</p>
<b>Sensitization of Product</b>	<p>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.</p>

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Chemical Characterization</b>	Liquid				
<b>Ingredients</b>	<b><u>Name</u></b>	<b><u>CAS</u></b>	<b><u>Proportion</u></b>	<b><u>Hazard</u></b>	<b><u>R Phrase</u></b>
	Water	7732-18-5	60-100 %		
	Ingredients determined not to be hazardous	-	10-30 %		
	d-Limonene	138-86-3	0-10 %	Xi, N	R10, R38, R43, R50/53
	Sodium Metasilicate	6834-92-0	0-10 %	C	R34, R37

### 4. FIRST AID MEASURES

<b>First Aid Measures</b>	For advice, contact a Poisons Information Centre (Phone Australia 13 1126; New Zealand 0800 764 766) or a doctor.
<b>Inhalation</b>	Remove the victim from the source of exposure. If the victim is not breathing, apply artificial

	resuscitation.
<b>Ingestion</b>	If swallowed, do NOT induce vomiting. Seek medical advice.
<b>Skin</b>	If skin or hair contact occurs, remove contaminated clothing and flush the skin and hair with running water. Launder contaminated clothing before re-use.
<b>Eye</b>	If in eyes, hold eyelids apart and flush the eye continuously with running water. continue flushing until advised to stop by the Poisons Information Centre or a Doctor, or for at least 15 minutes.
<b>First Aid Facilities</b>	This Material Safety Data Sheet should be provided to the attending medical doctor. An eye wash bottle and normal washroom facilities should be readily available.
<b>Advice to Doctor</b>	Treat symptomatically.

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## 5. FIRE FIGHTING MEASURES

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<b>Fire Fighting Measures</b>	This product is not flammable under the conditions of use and does not support combustion.
<b>Suitable Extinguishing Media</b>	Use the extinguisher appropriate to the principal fire hazard or to the source of the fire.
<b>Hazards from Combustion Products</b>	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.
<b>Special Protective Equipment for fire fighters</b>	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.
<b>Specific Hazards</b>	None known.

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## 6. ACCIDENTAL RELEASE MEASURES

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<b>Spills &amp; Disposal</b>	Note: spillages are slippery. Personnel involved in cleaning up any spills should wear impervious gloves and chemical goggles. Cordon off the spillage area. Isolate the source of the spillage or leak. Contain the spillage using a suitable non-flammable absorbent material such as sand or diatomaceous earth, and then transfer into sealed plastic containers for disposal.
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## 7. HANDLING AND STORAGE

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<b>Handling and Storage</b>	Do not use this product if it has passed its 'Best Before' date. Rotate stocks efficiently. Store in plastic containers in a clean, dry, cool, well ventilated place away from foodstuffs and sources of heat and out of direct sunlight. Keep containers sealed when not in use.
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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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<b>National Exposure Standards</b>	No value assigned by NOHSC for any ingredients used in this product.
<b>Engineering Controls</b>	Natural ventilation adequate under normal conditions of use. Keep containers closed when not in use.
<b>Personal Protective Equipment</b>	Wear rubber or PVC gloves and chemical goggles if handling large amounts or if splashing is likely to occur. Discontinue use immediately upon signs of skin irritation or sensitisation.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Form</b>	Liquid
<b>Appearance</b>	Clear orange/red viscous liquid, orange fragrance.
<b>Boiling Point</b>	100°C
<b>Solubility in Water</b>	Complete
<b>Specific Gravity</b>	1.060 @ 25°C
<b>pH Value</b>	12.6
<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.

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## 10. STABILITY AND REACTIVITY

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<b>Chemical Stability</b>	Considered stable to heat and light, however for extended shelf life store below 30°C and keep out of direct sunlight.
<b>Conditions to Avoid</b>	None known.

<b>Incompatible Materials</b>	Strong oxidising agents.
<b>Hazardous Decomposition Products</b>	If this product is involved in a fire, the water contained in it may evaporate, leaving a residue which may combust. During combustion, the residue may produce carbon monoxide as well as other unidentifiable organic compounds.
<b>Hazardous Polymerization</b>	Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Inhalation</b>	Irritating. At the recommended dilution rates, spray mists are unlikely to cause irritation.
<b>Ingestion</b>	Irritant. 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.
<b>Chronic Effects</b>	Prolonged and constant use may lead to irritation and possibly dermatitis.
<b>Reproductive Toxicity</b>	None of the components of this product is considered to be toxic to the unborn foetus.
<b>Mutagenicity</b>	None of the components of this product is considered to be a mutagen.
<b>Carcinogenicity</b>	None of the components of this product is considered to be a carcinogen.

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## 12. ECOLOGICAL INFORMATION

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<b>Short Summary of Assessment of Environmental Impact</b>	The surfactants contained in this product are readily biodegradable when tested according to AS1792-1976 and are classified as biologically soft. 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
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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 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.

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### 13. DISPOSAL CONSIDERATIONS

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<b>Waste Disposal</b>	Dispose of undiluted product in a chemical dump according to local authority statutory requirements. For diluted end use solutions, wash the product to the drain with water. Note that whilst this product is as 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.
<b>Container Disposal</b>	The empty containers may be rinsed with water then recycled.

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### 14. TRANSPORT INFORMATION

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<b>Transport Information</b>	This product is classified as non dangerous according to the ACTDG.
<b>IMO Marine Pollutant</b>	d-Limonene (Dipentene - UN 2052) is considered by IMO to be a Marine Pollutant. However, this product contains less than 10% d-Limonene and is therefore not considered by IMO to be a Marine Pollutant.

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### 15. REGULATORY INFORMATION

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<b>Poisons Schedule</b>	S5
<b>Hazard Category</b>	Irritant, Dangerous for the environment
<b>AICS (Australia)</b>	To the manufacturer's best knowledge, all of the components of this product are listed on AICS.

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### 16. OTHER INFORMATION

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**Contact  
Person/Point**

Technical Manager (07) 3390 5044

## **...End Of MSDS...**

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