SAFETY DATA SHEET

SEPTONE SUPERCLENE

Infosafe No.: 5APHW
ISSUED Date : 20/09/2017
ISSUED by: ITW AAMTECH

1. IDENTIFICATION

GHS Product Identifier
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

Telephone/Fax Number
Tel: 1800 177 989
Fax: +61 2 9725 4698; 1800 308 556

Emergency phone number
1800 638 556; 1800 039 008; 0800 2436 2255

E-mail Address
info@aamtech.com.au

Recommended use of the chemical and restrictions on use
Heavy duty general purpose cleaner/degreaser.

Disclaimer
Website: www.aamtech.com.au
*
New Zealand
Autoserv NZ Ltd
2/38 Trugood Drive, East Tamaki, Auckland
Tel: 0800 438 996
Email: warehouse@autoserv.co.nz

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture
Eye Damage/Irritation: Category 1
Sensitization - Skin: Category 1
Skin Corrosion/Irritation: Category 2

Signal Word (s)
DANGER

Hazard Statement (s)
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.

Pictogram (s)
Corrosion,Exclamation mark

Precautionary statement – Prevention
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash contaminated skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P363 Wash contaminated clothing before reuse.

Precautionary statement – Disposal
P501 Dispose of contents/container to an approved waste disposal facility.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Water	7732-18-5	60-100 %
Sodium metasilicate	6834-92-0	0-<6 %
d-Limonene	5989-27-5	0-<5 %
Alcohols C12-C14, Ethoxylated	68439-50-9	0-<3 %
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 contact
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.

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.

7. HANDLING AND STORAGE

Conditions for safe storage, including any incompatibilities
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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values
No Exposure Limit Established

Biological Limit Values
No biological limit values assigned to this product or its components.

Appropriate 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

Appearance
Clear orange/red viscous liquid, orange fragrance

Boiling Point
100°C

Solubility in Water
Complete

Specific Gravity
approx 1.06

pH
12.6 neat

Evaporation Rate
As for Water

Volatile Component
83% w/w

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

Flammability
This product is not flammable under the conditions of use and does not support combustion.

10. STABILITY AND REACTIVITY

Chemical Stability
Considered stable to heat and light, however optimum storage is at temperatures below 30 degrees Celsius and out of direct sunlight

Conditions to Avoid
None known.

Incompatible materials
Strong oxidising agents e.g. hydrogen peroxide, nitric acid

Hazardous Decomposition Products
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.

Hazardous Polymerization
Will not occur.

11. TOXICOLOGICAL INFORMATION

Ingestion
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.

Inhalation
Irritating. At the recommended dilution rates, spray mists are unlikely to cause irritation.

Skin
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.

Eye
Causes eye damage. May cause tearing, stinging and redness of the eye.

Skin Sensitisation
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.

Chronic Effects
Repeated or prolonged skin contact may cause defatting of the skin leading to chronic dermatitis.

12. ECOLOGICAL INFORMATION

Mobility
Soluble in water.

Short Summary of Assessment of Environmental Impact
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 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.

U.N. Number
None Allocated

Transport hazard class(es)
None Allocated

15. REGULATORY INFORMATION

Poisons Schedule
S5

HSNO Approval Number
Cleaning Products (Subsidiary Hazard) Group Standard 2006
HSNO Approval Number is HSR002530
Classification 6.3A, 8.3A, 6.5B

Australia (AICS)
All components listed.

16. OTHER INFORMATION

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.

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.
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.

END OF SDS