

# Material Safety Data Sheet

Infosafe No™ 5APFZ Issue Date : June 2015 Status : ISSUED

Product Name **SEPTONE DEGREASE IT**

Classified as hazardous

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** SEPTONE DEGREASE IT  
**Product Code** ADDI5, ADDI20, ADDI200  
**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** Concentrated quick break, biodegradable water-based 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  
**Risk Phrase(s)** Skin Corrosion/Irritation: Category 1B  
Classified as hazardous  
R34 Causes burns.  
R41 Risk of serious damage to eyes.  
**Safety Phrase(s)** S1/2 Keep locked up and out of reach of children.  
S13 Keep away from food, drink and animal feeding stuffs.  
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.  
S45 In case of accident or if you feel unwell seek medical advice immediately  
**Other Information** Unless otherwise specified, the information in this Safety Data Sheet relates to the product as delivered.

## 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 %
	Sodium metasilicate	6834-92-0	5-10 %
	Dipropylene glycol methyl ether	34590-94-8	0-10 %
	Sodium hydroxide	1310-73-2	2-<5 %
	Ingredients determined not to be hazardous		Balance

## 4. FIRST AID MEASURES

**Inhalation** Remove the victim from the source of exposure. If the victim is not breathing, apply artificial resuscitation. For all but the most minor symptoms, seek medical attention.

**Ingestion** Do NOT induce vomiting. Give water to drink. Seek immediate medical attention.

**Skin** Remove any source of further contamination (such as contaminated clothing). Wash the affected area with water as soon as possible. Continue to wash until:  
All of the substance is removed AND signs and symptoms have gone away. Do NOT scrub the skin roughly. Do NOT use any solvent (e.g. soap, acetone, alcohol). Seek medical advice.

# Material Safety Data Sheet

infosafe  
CS: 1.9.605

Page: 2 of 5

Infosafe No™ 5APFZ Issue Date : June 2015 Status : ISSUED

Product Name **SEPTONE DEGREASE IT**

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**Eye** IF THE SKIN LOOKS BURNED: Treat the skin the same as a thermal (heat) burn: Clean the skin gently with cool water. Apply a cold compress. Do NOT apply ice to hands or feet as this may cut off circulation. If after initial treatment, the skin is very painful or a large area is affected, transport victim to a hospital or medical centre immediately. Immediately wash eye(s) with plenty of water for at least 15 minutes. Eyelids to be held open. If eye wash station is unavailable, use clean, room temperature water poured from a jug or bottle, or a low-pressure running tap or hose. If you are only flushing one eye, be careful not to get any product in the unaffected eye. Urgently seek medical assistance. Transport to hospital or medical centre.  
\*  
If victim wears contact lens, wash affected eye immediately, then remove contact lens and continue washing for at least 15 minutes as per instructions above.

**First Aid Facilities** A safety shower and an eye irrigation facility should be provided. This Safety Data Sheet should be provided to the attending medical doctor.

**Advice to Doctor** Treat symptomatically, as for a strongly 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** 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.

**Special Protective Equipment for fire fighters** Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA).

**Specific Hazards** This product is not flammable under the conditions of use and does not have a flash point or support combustion. However, it may liberate hydrogen gas on contact with reactive metals such as aluminium or zinc, thus creating a fire and explosion hazard. Potential sources of ignition should be excluded from the immediate area.

**Hazchem Code** 2R

## 6. ACCIDENTAL RELEASE MEASURES

**Spills & Disposal** Personnel involved in cleaning up any spills are to wear suitable protective clothing, including PVC gloves and eye/face protection. Cordoned 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 to sealed plastic containers for disposal. Dispose of large amounts in a chemical dump according to local authority statutory requirements. If the facility has a means of pH control of trade waste, small amounts may be washed with a large excess of water to the treatment pit then to the drain as treated trade waste.

## 7. HANDLING AND STORAGE

**Conditions for Safe Storage** Store in plastic containers away from foodstuffs, oxidising agents and acids. Ensure containers are clearly labelled. Keep containers securely sealed and protected against physical damage. Do NOT repack or transfer into aluminium, tin, zinc or galvanised containers. Contact with aluminium, tin, zinc and galvanised metal liberates hydrogen gas. Pressure build up from the evolving gas may result in violent rupture of the container.

**Storage Regulations** This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations. Product must remain labelled until empty and container completely decontaminated.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	Name	STEL	TWA
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# Material Safety Data Sheet

Infosafe No™ 5APFZ Issue Date : June 2015 Status : ISSUED

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	<u>mg/m3</u>	<u>ppm</u>	<u>mg/m3</u>	<u>ppm</u>	<u>Footnote</u>
	Dipropylene glycol methyl ether		308	50	
	Sodium hydroxide		2		Peak limitation
<b>Biological Limit Values</b>	No biological limit values assigned to this product or its components.				
<b>Engineering Controls</b>	Ensure that the ventilation is adequate to maintain air concentrations below the relevant exposure standards quoted. If necessary, provide local exhaust ventilation.				
<b>Respiratory Protection</b>	Wear a respirator that protects against both organic and inorganic gases and vapours (such as a combined ABEK Filter) if spray mists are produced during use.				
<b>Eye Protection</b>	Chemical goggles and/or a face shield.				
<b>Hand Protection</b>	PVC gloves.				
<b>Footwear</b>	Enclosed footwear.				
<b>Body Protection</b>	An alkali resistant apron and enclosed footwear. It is recommended that a shirt with long sleeves and long trousers be worn. Always wash skin and clothing after using this product.				

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Liquid
<b>Appearance</b>	Clear almost colourless mobile liquid, glycol ether odour.
<b>Boiling Point</b>	100°C
<b>Solubility in Water</b>	Complete
<b>Specific Gravity</b>	approx 1.06
<b>pH Value</b>	12.7
<b>Evaporation Rate</b>	As for Water
<b>Volatile Component</b>	85.6% 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. However, it will liberate hydrogen gas on contact reactive metals such as aluminium and zinc, thus creating a fire and explosion hazard. Potential sources of ignition should be excluded from the immediate area.

## 10. STABILITY AND REACTIVITY

<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, strong acids.
<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>	Spray mists are corrosive to the nose and respiratory tract.
<b>Ingestion</b>	Corrosive to the mouth and digestive tract. May cause severe internal damage.
<b>Skin</b>	Corrosive to skin tissue. May cause chemical burns which are extremely painful. May cause permanent tissue damage.
<b>Eye</b>	Corrosive and may cause severe and permanent damage to the eyes.

# Material Safety Data Sheet

infosafe  
CS: 1.9.605

Page: 4 of 5

Infosafe No™ 5APFZ Issue Date : June 2015 Status : ISSUED

Product Name **SEPTONE DEGREASE IT**

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<b>Chronic Effects</b>	Repeated or prolonged skin contact may cause defatting of the skin leading to chronic dermatitis.
<b>Reproductive Toxicity</b>	No ingredient contained in this product is known to be toxic to the unborn fetus.
<b>Mutagenicity</b>	No ingredient contained in this product is known to be a mutagen.
<b>Carcinogenicity</b>	No ingredient contained in this product is known to be a carcinogen.

## 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 determined to be either biodegradable or readily biodegradable when tested using ISO and OECD methods. Bioaccumulation is unlikely to occur due to metabolism and excretion. The undiluted material should be prevented from entering waterways. If possible, the expended material should be drained to the sewer as sewerage treatment will greatly reduce damage to water quality. Dilution of the product with the large excesses of water present and the relatively rapid biodegradation of the organic components should ensure minimal ecotoxicity.

## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal</b>	Dispose of large amounts in a chemical dump according to local authority statutory requirements. If the facility has a means of pH control of trade waste, small amounts may be washed with a large excess of water to the pH treatment pit and then to sewer as treated trade waste.
<b>Container Disposal</b>	Rinse empty containers with an excess of water to the effluent system. The clean, empty containers are recyclable. Containers must remain labelled until completely decontaminated.

## 14. TRANSPORT INFORMATION

<b>U.N. Number</b>	1719
<b>Proper Shipping Name</b>	CAUSTIC ALKALI LIQUID, N.O.S. - (CONTAINS SODIUM HYDROXIDE)
<b>DG Class</b>	8
<b>Hazchem Code</b>	2R
<b>Packaging Method</b>	3.8.8RT8
<b>Packing Group</b>	III
<b>EPG Number</b>	8A1
<b>IERG Number</b>	37
<b>IMDG Marine Pollutant (MP)</b>	No

## 15. REGULATORY INFORMATION

<b>Regulatory Information</b>	Classified as hazardous HAZARDOUS SUBSTANCE. SCHEDULED POISON.
<b>Poisons Schedule</b>	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
<b>Hazard Category</b>	Corrosive
<b>AICS (Australia)</b>	All components listed.

## 16. OTHER INFORMATION

# Material Safety Data Sheet

infosafe  
CS: 1.9.605

Page: 5 of 5

Infosafe No™ 5APFZ

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**Date of preparation or last revision of MSDS** Replaces MSDS dated July 2010

**Contact Person/Point** Australia:  
24 HOUR EMERGENCY CONTACT (ACOHs Pty Ltd): 1 800 638 556  
Poisons Information Centre (Australia): 13 11 26  
New Zealand:  
24 HOUR EMERGENCY CONTACT (ACOHs Pty Ltd): 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 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**

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