

SAFETY DATA SHEET

SEPTONE DEGREASE IT

Infosafe No.: 5APFZ
ISSUED Date : 17/06/2015
ISSUED by: APPLIED AUSTRALIA PTY LTD -
AN (ITW) ILLINOIS TOOL WORKS COMPANY

1. IDENTIFICATION

GHS Product Identifier

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

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

Concentrated quick break, biodegradable water-based 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

Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals GHS

Skin Corrosion/Irritation: Category 1B

Signal Word (s)

DANGER

Hazard Statement (s)

Causes severe skin burns and eye damage.

Precautionary Statement (s)

Keep out of reach of children.

Pictogram (s)

Corrosion



Precautionary statement – Prevention

Wear protective gloves/protective clothing/eye protection/face protection.

Avoid breathing mist, vapours, spray.

Do not get in eyes, on skin, or on clothing.

Precautionary statement – Response

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

For advice, contact Poisons Information Centre (AUS 131 126; NZ 0800 764 766) or a doctor.

Precautionary statement – Storage

Store locked up in a well-ventilated place. Keep container tightly closed.

Other Information

Unless otherwise specified, the information in this Safety Data Sheet relates to the product as delivered.

*

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road & Rail

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Water	7732-18-5	60-100 %
Sodium metasilicate	6834-92-0	5-10 %
Dipropylene glycol methyl ether	34590-94-8	0-10 %
Ingredients determined not to be hazardous		Balance
Sodium hydroxide	1310-73-2	2-<5 %

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.

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.

Eye contact

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 Arising From The Chemical

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. 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 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, including any incompatibilities

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

Occupational exposure limit values

Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
Dipropylene glycol methyl ether		TWA	50	ppm	skin
Dipropylene glycol methyl ether		TWA	308	mg/m ³	skin
Sodium hydroxide		TWA	2	mg/m ³	Peak limitation

Biological Limit Values

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

Appropriate Engineering Controls

Ensure that the ventilation is adequate to maintain air concentrations below the relevant exposure standards quoted. If necessary, provide local exhaust ventilation.

Respiratory Protection

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.

Eye Protection

Chemical goggles and/or a face shield.

Hand Protection

PVC gloves.

Footwear

Enclosed footwear.

Body Protection

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

Appearance

Clear almost colourless mobile liquid, glycol ether odour.

Boiling Point

100°C

Solubility in Water

Complete

Specific Gravity

approx 1.06

pH

12.7

Evaporation Rate

As for Water

Volatile Component

85.6% 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. 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

Chemical Stability

Considered stable to heat and light, however for extended shelf life store below 30°C and keep out of direct sunlight.

Conditions to Avoid

None known.

Incompatible materials

Strong oxidising agents, strong acids.

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

Corrosive to the mouth and digestive tract. May cause severe internal damage.

Inhalation

Spray mists are corrosive to the nose and respiratory tract.

Skin

Corrosive to skin tissue. May cause chemical burns which are extremely painful. May cause permanent tissue damage.

Eye

Corrosive and may cause severe and permanent damage to the eyes.

Mutagenicity

No ingredient contained in this product is known to be a mutagen.

Carcinogenicity

No ingredient contained in this product is known to be a carcinogen.

Reproductive Toxicity

No ingredient contained in this product is known to be toxic to the unborn foetus.

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 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

Waste 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 pH treatment pit and then to sewer as treated trade waste.

Container Disposal

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

U.N. Number

1719

UN proper shipping name

CAUSTIC ALKALI LIQUID, N.O.S.(CONTAINS SODIUM HYDROXIDE)

Transport hazard class(es)

8

Packing Group

III

Hazchem Code

2R

IERG Number

37

UN Number (Air Transport, ICAO)

1719

IATA/ICAO Proper Shipping Name

Caustic Alkali Liquid N.O.S. (Contains Sodium Hydroxide)

IATA/ICAO Hazard Class

8

IATA/ICAO Packing Group

III

LIMITED QUANTITY - Max Net Quantity/Pkge

5L (Road, Rail, Sea)

1L (Air)

IMDG UN No

1719

IMDG Hazard Class

8

IMDG Pack. Group

III

IMDG Marine pollutant

NO

IMDG EMS

F-A, S-B

15. REGULATORY INFORMATION

Poisons Schedule

S5

Australia (AICS)

All components listed.

16. OTHER INFORMATION

Date of preparation or last revision of SDS

Replaces MSDS dated July 2010

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.

Globally Harmonised System of Classification and Labelling of Chemicals,ST/SG/AC.10/30, United Nations 2003

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.

Signature of Preparer/Data Service

AMS

END OF SDS

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