

# Septone Degrease-All

ITW AAMTech Australia

Material Safety Data Sheet according to NOHSC and ADG requirements

Issue Date: 21/04/2016

Print Date: 04/05/2016

## SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

### Product Identifier

|                               |                      |
|-------------------------------|----------------------|
| Product name                  | Septone Degrease-All |
| Synonyms                      | Product Code: ADDA5  |
| Other means of identification | Not Available        |

### Relevant identified uses of the substance or mixture and uses advised against

|                          |                        |
|--------------------------|------------------------|
| Relevant identified uses | Water based degreaser. |
|--------------------------|------------------------|

### Details of the supplier of the safety data sheet

|                         |   |  |
|-------------------------|---|--|
| Registered company name | ITW AAMTech Australia                             | ITW AAMTech NZ   |
| Address                 | 1-9 Nina Link, Dandenong South VIC 3175 Australia | Unit 2/38 Trugood Drv, East Tamaki AUCK 2013 New Zealand |
| Telephone               | 1800 177 989                                      | 0800 438 996   |
| Fax                     | 1800 308 556                                      | Not Available  |
| Website                 | www.aamtech.com.au                                | www.aamtech.co.nz  |
| Email                   | info@aamtech.com.au                               | info@aamtech.co.nz                                       |

### Emergency telephone number

|                                   |                |                |
|-----------------------------------|----------------|----------------|
| Association / Organisation        | Not Available  | Not Available  |
| Emergency telephone numbers       | 1800 039 008   | 0800 2436 2255 |
| Other emergency telephone numbers | 0800 2436 2255 | 0800 2436 2255 |

## SECTION 2 HAZARDS IDENTIFICATION

### Classification of the substance or mixture

**HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.** According to the Criteria of NOHSC, and the ADG Code.

|                               |                                       |
|-------------------------------|---------------------------------------|
| Poisons Schedule              | S5                                    |
| Risk Phrases <sup>[1]</sup>   | R36/38 Irritating to eyes and skin    |
|                               | <b>GHS CLASSIFICATION</b>             |
| Classification <sup>[1]</sup> | Skin Corrosion/Irritation Category 1B |

### Label elements

Continued...

## Septone Degrease-All

GHS label elements



SIGNAL WORD

**DANGER****Hazard statement(s)**

|             |  |
|-------------|--|
| <b>H314</b> | Causes severe skin burns and eye damage. |
|-------------|--|

**Precautionary statement(s) Prevention**

|             |  |
|-------------|--|
| <b>P260</b> | Do not breathe dust/fume/gas/mist/vapours/spray.                           |
| <b>P280</b> | Wear protective gloves/protective clothing/eye protection/face protection. |

**Precautionary statement(s) Response**

|                       |  |
|-----------------------|--|
| <b>P301+P330+P331</b> | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.   |
| <b>P303+P361+P353</b> | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.                       |
| <b>P305+P351+P338</b> | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| <b>P310</b>           | Immediately call a POISON CENTER or doctor/physician.  |

**Precautionary statement(s) Storage**

|             |                  |
|-------------|------------------|
| <b>P405</b> | Store locked up. |
|-------------|------------------|

**Precautionary statement(s) Disposal**

|             |   |
|-------------|---|
| <b>P501</b> | Dispose of contents/container in accordance with local regulations. |
|-------------|---|

**Label elements**

Relevant risk statements are found in section 2

|                                |   |
|--------------------------------|---|
| <b>Indication(s) of danger</b> | C |
|--------------------------------|---|

**SAFETY ADVICE**

|            |  |
|------------|--|
| <b>S01</b> | Keep locked up.  |
| <b>S02</b> | Keep out of reach of children.   |
| <b>S04</b> | Keep away from living quarters.  |
| <b>S20</b> | When using do not eat or drink.  |
| <b>S21</b> | When using do not smoke.   |
| <b>S23</b> | Do not breathe gas/fumes/vapour/spray.   |
| <b>S26</b> | In case of contact with eyes, rinse with plenty of water and contact Doctor or Poisons Information Centre.                   |
| <b>S28</b> | After contact with skin, wash immediately with plenty of water   |
| <b>S35</b> | This material and its container must be disposed of in a safe way.   |
| <b>S36</b> | Wear suitable protective clothing.   |
| <b>S37</b> | Wear suitable gloves.  |
| <b>S39</b> | Wear eye/face protection.  |
| <b>S40</b> | To clean the floor and all objects contaminated by this material, use water.   |
| <b>S45</b> | In case of accident or if you feel unwell IMMEDIATELY contact Doctor or Poisons Information Centre (show label if possible). |
| <b>S56</b> | Dispose of this material and its container at hazardous or special waste collection point.                                   |
| <b>S64</b> | If swallowed, rinse mouth with water (only if the person is conscious).  |

Continued...

## Septone Degrease-All

### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

#### Substances

See section below for composition of Mixtures

#### Mixtures

| CAS No        | %[weight] | Name                                       |
|---------------|-----------|--|
| 1344-09-8     | 0-10      | <u>Sodium silicate</u>                     |
| 1310-73-2     | <1        | <u>sodium hydroxide</u>                    |
| Not Available | 0-10      | Ingredients determined not to be hazardous |
| 7732-18-5     | >60       | <u>water</u>                               |

### SECTION 4 FIRST AID MEASURES

#### Description of first aid measures

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | <p>If this product comes in contact with the eyes:</p> <ul style="list-style-type: none"> <li>▶ Wash out immediately with fresh running water.</li> <li>▶ Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.</li> <li>▶ Seek medical attention without delay; if pain persists or recurs seek medical attention.</li> <li>▶ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li> </ul>  |
| <b>Skin Contact</b> | <p>If skin contact occurs:</p> <ul style="list-style-type: none"> <li>▶ Immediately remove all contaminated clothing, including footwear.</li> <li>▶ Flush skin and hair with running water (and soap if available).</li> <li>▶ Seek medical attention in event of irritation.</li> </ul>  |
| <b>Inhalation</b>   | <ul style="list-style-type: none"> <li>▶ If fumes or combustion products are inhaled remove from contaminated area.</li> <li>▶ Lay patient down. Keep warm and rested.</li> <li>▶ Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.</li> <li>▶ Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.</li> <li>▶ Transport to hospital, or doctor, without delay.</li> </ul>       |
| <b>Ingestion</b>    | <ul style="list-style-type: none"> <li>▶ <b>If swallowed do NOT induce vomiting.</b></li> <li>▶ If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.</li> <li>▶ Observe the patient carefully.</li> <li>▶ Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.</li> <li>▶ Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.</li> <li>▶ Seek medical advice.</li> </ul> |

#### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5 FIREFIGHTING MEASURES

#### Extinguishing media

The product contains a substantial proportion of water, therefore there are no restrictions on the type of extinguishing media which may be used. Choice of extinguishing media should take into account surrounding areas.

Though the material is non-combustible, evaporation of water from the mixture, caused by the heat of nearby fire, may produce floating layers of combustible substances.

In such an event consider:

- ▶ foam.

#### Special hazards arising from the substrate or mixture

|                             |            |
|-----------------------------|------------|
| <b>Fire Incompatibility</b> | None known |
|-----------------------------|------------|

#### Advice for firefighters

|                      |   |
|----------------------|---|
| <b>Fire Fighting</b> | <ul style="list-style-type: none"> <li>▶ Alert Fire Brigade and tell them location and nature of hazard.</li> <li>▶ Wear breathing apparatus plus protective gloves in the event of a fire.</li> <li>▶ Prevent, by any means available, spillage from entering drains or water courses.</li> <li>▶ Use fire fighting procedures suitable for surrounding area.</li> </ul> |
|----------------------|---|

Continued...

## Septone Degrease-All

|                              |  |
|------------------------------|--|
| <b>Fire/Explosion Hazard</b> | <ul style="list-style-type: none"> <li>▶ The material is not readily combustible under normal conditions.</li> <li>▶ However, it will break down under fire conditions and the organic component may burn.</li> <li>▶ Not considered to be a significant fire risk.</li> <li>▶ Heat may cause expansion or decomposition with violent rupture of containers.</li> </ul> <p>Decomposes on heating and produces toxic fumes of; carbon dioxide (CO<sub>2</sub>) phosphorus oxides (PO<sub>x</sub>) metal oxides, other pyrolysis products typical of burning organic material. May emit corrosive fumes.</p> |
|------------------------------|--|

### SECTION 6 ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

|                     |   |
|---------------------|---|
| <b>Minor Spills</b> | <ul style="list-style-type: none"> <li>▶ Clean up all spills immediately.</li> <li>▶ Avoid breathing vapours and contact with skin and eyes.</li> <li>▶ Control personal contact with the substance, by using protective equipment.</li> <li>▶ Contain and absorb spill with sand, earth, inert material or vermiculite.</li> </ul> |
| <b>Major Spills</b> | <p>Minor hazard.</p> <ul style="list-style-type: none"> <li>▶ Clear area of personnel.</li> <li>▶ Alert Fire Brigade and tell them location and nature of hazard.</li> <li>▶ Control personal contact with the substance, by using protective equipment as required.</li> </ul>   |

Personal Protective Equipment advice is contained in Section 8 of the SDS.

### SECTION 7 HANDLING AND STORAGE

#### Precautions for safe handling

|                          |  |
|--------------------------|--|
| <b>Safe handling</b>     | <ul style="list-style-type: none"> <li>▶ Limit all unnecessary personal contact.</li> <li>▶ Wear protective clothing when risk of exposure occurs.</li> <li>▶ Use in a well-ventilated area.</li> <li>▶ Avoid contact with incompatible materials.</li> <li>▶ <b>DO NOT allow clothing wet with material to stay in contact with skin</b></li> </ul> |
| <b>Other information</b> | <ul style="list-style-type: none"> <li>▶ Store in original containers.</li> <li>▶ Keep containers securely sealed.</li> <li>▶ Store in a cool, dry, well-ventilated area.</li> <li>▶ Store away from incompatible materials and foodstuff containers.</li> </ul>   |

#### Conditions for safe storage, including any incompatibilities

|                                |   |
|--------------------------------|---|
| <b>Suitable container</b>      | <ul style="list-style-type: none"> <li>▶ Polyethylene or polypropylene container.</li> <li>▶ Packing as recommended by manufacturer.</li> <li>▶ Check all containers are clearly labelled and free from leaks.</li> </ul>                     |
| <b>Storage incompatibility</b> | <ul style="list-style-type: none"> <li>▶ Avoid strong acids, acid chlorides, acid anhydrides and chloroformates.</li> <li>▶ Avoid contact with copper, aluminium and their alloys.</li> <li>▶ Avoid reaction with oxidising agents</li> </ul> |

### SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Control parameters

##### OCCUPATIONAL EXPOSURE LIMITS (OEL)

##### INGREDIENT DATA

| Source                       | Ingredient       | Material name    | TWA           | STEL          | Peak                | Notes         |
|------------------------------|------------------|------------------|---------------|---------------|---------------------|---------------|
| Australia Exposure Standards | sodium hydroxide | Sodium hydroxide | Not Available | Not Available | 2 mg/m <sup>3</sup> | Not Available |

##### EMERGENCY LIMITS

| Ingredient       | Material name    | TEEL-1        | TEEL-2        | TEEL-3        |
|------------------|------------------|---------------|---------------|---------------|
| sodium hydroxide | Sodium hydroxide | Not Available | Not Available | Not Available |

| Ingredient       | Original IDLH         | Revised IDLH         |
|------------------|-----------------------|----------------------|
| sodium hydroxide | 250 mg/m <sup>3</sup> | 10 mg/m <sup>3</sup> |

Continued...

## Septone Degrease-All

|  |               |               |
|--|---------------|---------------|
| Ingredients determined not to be hazardous | Not Available | Not Available |
| water                                      | Not Available | Not Available |

### Exposure controls

|   |   |
|---|---|
| <b>Appropriate engineering controls</b> | General exhaust is adequate under normal operating conditions.  |
| <b>Personal protection</b>              |    |
| <b>Eye and face protection</b>          | <ul style="list-style-type: none"> <li>▶ Safety glasses with side shields.</li> <li>▶ Chemical goggles.</li> <li>▶ Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task.</li> </ul> |
| <b>Skin protection</b>                  | See Hand protection below   |
| <b>Hands/feet protection</b>            | <ul style="list-style-type: none"> <li>▶ Wear chemical protective gloves, e.g. PVC.</li> <li>▶ Wear safety footwear or safety gumboots, e.g. Rubber</li> </ul>  |
| <b>Body protection</b>                  | See Other protection below  |
| <b>Other protection</b>                 | <ul style="list-style-type: none"> <li>▶ Overalls.</li> <li>▶ P.V.C. apron.</li> <li>▶ Barrier cream.</li> </ul>  |
| <b>Thermal hazards</b>                  | Not Available   |

### Respiratory protection

Particulate. (AS/NZS 1716 & 1715, EN 143:000 & 149:001, ANSI Z88 or national equivalent)

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|   |   |  |                |
|---|---|--|----------------|
| <b>Appearance</b>                                   | Clear dark brown mobile alkaline liquid with a neutral odour; mixes with water. |  |                |
| <b>Physical state</b>                               | Liquid  | <b>Relative density (Water = 1)</b>            | 1.075          |
| <b>Odour</b>  | Not Available   | <b>Partition coefficient n-octanol / water</b> | Not Available  |
| <b>Odour threshold</b>                              | Not Available   | <b>Auto-ignition temperature (°C)</b>          | Not Applicable |
| <b>pH (as supplied)</b>                             | 12.1  | <b>Decomposition temperature</b>               | Not Available  |
| <b>Melting point / freezing point (°C)</b>          | Not Available   | <b>Viscosity (cSt)</b>                         | Not Available  |
| <b>Initial boiling point and boiling range (°C)</b> | 100   | <b>Molecular weight (g/mol)</b>                | Not Applicable |
| <b>Flash point (°C)</b>                             | Not Applicable  | <b>Taste</b>                                   | Not Available  |
| <b>Evaporation rate</b>                             | as for water  | <b>Explosive properties</b>                    | Not Available  |
| <b>Flammability</b>                                 | Not Applicable  | <b>Oxidising properties</b>                    | Not Available  |
| <b>Upper Explosive Limit (%)</b>                    | Not Applicable  | <b>Surface Tension (dyn/cm or mN/m)</b>        | Not Available  |
| <b>Lower Explosive Limit (%)</b>                    | Not Applicable  | <b>Volatile Component (%vol)</b>               | 89             |
| <b>Vapour pressure (kPa)</b>                        | Not Available   | <b>Gas group</b>                               | Not Available  |
| <b>Solubility in water (g/L)</b>                    | Miscible  | <b>pH as a solution (1%)</b>                   | Not Available  |
| <b>Vapour density (Air = 1)</b>                     | Not Available   | <b>VOC g/L</b>                                 | Not Available  |

## SECTION 10 STABILITY AND REACTIVITY

## Septone Degrease-All

|   |  |
|---|--|
| <b>Reactivity</b>                         | See section 7  |
| <b>Chemical stability</b>                 | <ul style="list-style-type: none"> <li>▶ Unstable in the presence of incompatible materials.</li> <li>▶ Product is considered stable.</li> <li>▶ Hazardous polymerisation will not occur.</li> </ul> |
| <b>Possibility of hazardous reactions</b> | See section 7  |
| <b>Conditions to avoid</b>                | See section 7  |
| <b>Incompatible materials</b>             | See section 7  |
| <b>Hazardous decomposition products</b>   | See section 5  |

## SECTION 11 TOXICOLOGICAL INFORMATION

### Information on toxicological effects

|                     |   |
|---------------------|---|
| <b>Inhaled</b>      | <p>There is some evidence to suggest that the material can cause respiratory irritation in some persons. The body's response to such irritation can cause further lung damage.</p> <p>Not normally a hazard due to non-volatile nature of product</p> <p>Inhalation of vapour is more likely at higher than normal temperatures.</p>  |
| <b>Ingestion</b>    | <p>Accidental ingestion of the material may be damaging to the health of the individual.</p> <p>Ingestion may result in nausea, abdominal irritation, pain and vomiting</p>   |
| <b>Skin Contact</b> | <p>This material can cause inflammation of the skin on contact in some persons.</p> <p>The material may accentuate any pre-existing dermatitis condition</p> <p>Skin contact with the material may damage the health of the individual; systemic effects may result following absorption.</p> <p>Open cuts, abraded or irritated skin should not be exposed to this material</p> <p>Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.</p> |
| <b>Eye</b>          | If applied to the eyes, this material causes severe eye damage.   |
| <b>Chronic</b>      | Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.  |

|                             |  |                                      |
|-----------------------------|--|--------------------------------------|
| <b>Septone Degrease-All</b> | <b>TOXICITY</b>  | <b>IRRITATION</b>                    |
|                             | Not Available  | Not Available                        |
|                             |  |                                      |
| <b>sodium hydroxide</b>     | <b>TOXICITY</b>  | <b>IRRITATION</b>                    |
|                             | Oral (rabbit) LD50: 325 mg/kg <sup>[1]</sup>   | Eye (rabbit): 0.05 mg/24h SEVERE     |
|                             |  | Eye (rabbit): 1 mg/24h SEVERE        |
|                             |  | Eye (rabbit): 1 mg/30s rinsed-SEVERE |
|                             |  | Skin (rabbit): 500 mg/24h SEVERE     |
| <b>water</b>                | <b>TOXICITY</b>  | <b>IRRITATION</b>                    |
|                             | Oral (rat) LD50: >90000 mg/kg <sup>[2]</sup>   | Not Available                        |
| <b>Legend:</b>              | 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances |                                      |

Septone Degrease-All

|                         |  |
|-------------------------|--|
| <b>SODIUM HYDROXIDE</b> | <p>The material may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.</p> <p>The material may cause severe skin irritation after prolonged or repeated exposure and may produce on contact skin redness, swelling, the production of vesicles, scaling and thickening of the skin. Repeated exposures may produce severe ulceration.</p> <p>Asthma-like symptoms may continue for months or even years after exposure to the material ceases. This may be due to a non-allergenic condition known as reactive airways dysfunction syndrome (RADS) which can occur following exposure to high levels of highly irritating compound. Key criteria for the diagnosis of RADS include the absence of preceding respiratory disease, in a non-atopic individual, with abrupt onset of persistent asthma-like symptoms within minutes to hours of a documented exposure to the irritant. A reversible airflow pattern, on spirometry, with the presence of moderate to severe bronchial hyperreactivity on methacholine challenge testing and the lack of minimal lymphocytic inflammation, without eosinophilia, have also been included in the criteria for diagnosis of RADS.</p> |
|-------------------------|--|

|  |   |                                 |   |
|--|---|---------------------------------|---|
| <b>Acute Toxicity</b>                    | ⊘ | <b>Carcinogenicity</b>          | ⊘ |
| <b>Skin Irritation/Corrosion</b>         | ✔ | <b>Reproductivity</b>           | ⊘ |
| <b>Serious Eye Damage/Irritation</b>     | ⊘ | <b>STOT - Single Exposure</b>   | ⊘ |
| <b>Respiratory or Skin sensitisation</b> | ⊘ | <b>STOT - Repeated Exposure</b> | ⊘ |
| <b>Mutagenicity</b>                      | ⊘ | <b>Aspiration Hazard</b>        | ⊘ |

**SECTION 12 ECOLOGICAL INFORMATION**

**Toxicity**

| Ingredient | Endpoint | Test Duration (hr) | Species | Value | Source |
|------------|----------|--------------------|---------|-------|--------|
|            |          |                    |         |       |        |
|            |          |                    |         |       |        |
|            |          |                    |         |       |        |
|            |          |                    |         |       |        |
|            |          |                    |         |       |        |
|            |          |                    |         |       |        |

**DO NOT** discharge into sewer or waterways.

**Persistence and degradability**

| Ingredient       | Persistence: Water/Soil | Persistence: Air |
|------------------|-------------------------|------------------|
| sodium hydroxide | LOW                     | LOW              |
| water            | LOW                     | LOW              |

**Bioaccumulative potential**



**Septone Degrease-All**

**Legend:**

Y = All ingredients are on the inventory

N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)

**SECTION 16 OTHER INFORMATION**

|  |  |
|--|--|
|  |  |
|--|--|

**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.

