

# SAFETY DATA SHEET

**Triple7 Heavy Duty**

Infosafe No.: LQ72T  
ISSUED Date : 15/11/2016  
ISSUED by: Envirofluid

## 1. IDENTIFICATION

**GHS Product Identifier**

Triple7 Heavy Duty

**Product Code**

AAHD-5, AAHD-20, AAHD-200, AAHD-BB. GECA Certified. HACCP Approved

**Company Name**

Envirofluid

**Address**

39 Coghlan's Road Warrnambool  
Victoria 3280 Australia

**Telephone/Fax Number**

Tel: 1800 777 580 (8am - 5pm AEST)  
Fax: 1300 777 580

**Emergency phone number**

1800 638 556 (24h) / +61 3 5564 6455

**E-mail Address**

info@envirofluid.com

**Recommended use of the chemical and restrictions on use**

Solvent cleaner. Quick break detergent. No restrictions on use.

**Additional Information**

Biodegradable and environmentally responsible surface cleaner. Petroleum free.

## 2. HAZARD IDENTIFICATION

**GHS classification of the substance/mixture**

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)



### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients

Name	CAS	Proportion
Nonionic surfactant	-	<5 %
Fatty acids, tall oil	61790-12-3	<5 %
Organic buffer		<5 %
Ingredients determined not to be hazardous		Balance

### 4. FIRST-AID MEASURES

#### Inhalation

If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

#### Ingestion

Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.

#### Skin

Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

#### Eye contact

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and/or persist seek medical attention.

#### First Aid Facilities

Eyewash and normal washroom facilities.

#### Advice to Doctor

Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Use appropriate fire extinguisher for surrounding environment.

#### Hazards from Combustion Products

Non combustible material.

#### Specific Hazards Arising From The Chemical

This product is non combustible.

#### Decomposition Temperature

>340°C

#### Precautions in connection with Fire

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe location.



---

## 6. ACCIDENTAL RELEASE MEASURES

---

### Emergency Procedures

Wear appropriate personal protective equipment and clothing to prevent exposure. As a water based product, if spilt on electrical equipment the product will cause short-circuits. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Flush residue to drains with ample water. Caution: spill site might be slippery. Dispose of waste according to the applicable local and national regulations.

---

## 7. HANDLING AND STORAGE

---

### Precautions for Safe Handling

Avoid inhalation of vapours and mists, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

### Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area, out of direct sunlight. Protect from freezing. Store in suitable, labelled containers. Keep containers tightly closed. Store away from incompatible materials. Ensure that storage conditions comply with applicable local and national regulations.

### Recommended Materials

Polyethylene or polypropylene container.

### Unsuitable Materials

Avoid reaction with oxidising agents

---

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

---

### Occupational exposure limit values

No exposure standards have been established for the mixture. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

### Biological Limit Values

No biological limits allocated.

### Appropriate Engineering Controls

Use with good general ventilation. If mists or vapours are produced, local exhaust ventilation should be used.

### Respiratory Protection

With normal use, respirators are not normally required. If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.

Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

### Eye Protection

Safety glasses with side shields or chemical goggles should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations.

Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial



Applications.

**Hand Protection**

Wear gloves of impervious material such as PVC. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations.

Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

**Footwear**

Wear safety footwear

**Body Protection**

Not applicable

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

---

**Form**

Liquid

**Appearance**

Light amber, slightly viscous mildly alkaline liquid with a mild surfactant odour; mixes with water.

**Colour**

Light amber

**Odour**

Mild surfactant odour

**Decomposition Temperature**

>340°C

**Melting Point**

-1°C (Freezing)

**Boiling Point**

100°C

**Solubility in Water**

Miscible

**Specific Gravity**

1.017

**pH**

10.2-10.5

**Vapour Pressure**

18 mmHg 20°C

**Vapour Density (Air=1)**

Not available

**Evaporation Rate**

Not available

**Odour Threshold**

Not available

**Viscosity**

Not available



**Partition Coefficient: n-octanol/water**

Not available

**Flash Point**

Not applicable

**Flammability**

Non combustible

**Auto-Ignition Temperature**

Not available

**Flammable Limits - Lower**

Not applicable

**Flammable Limits - Upper**

Not applicable

---

## 10. STABILITY AND REACTIVITY

---

**Chemical Stability**

Stable under normal conditions of storage and handling.

**Reactivity and Stability**

Reacts with incompatible materials.

**Conditions to Avoid**

Extremes of temperature and direct sunlight

**Incompatible materials**

Avoid reaction with oxidising agents

**Hazardous Decomposition Products**

Thermal decomposition may result in the release of toxic and/or irritating fumes

**Possibility of hazardous reactions**

Not available

**Hazardous Polymerization**

Will not occur.

---

## 11. TOXICOLOGICAL INFORMATION

---

**Toxicology Information**

Toxicity data for material given below.

**Acute Toxicity - Oral**

Tall oil fatty acids

LD50(rat): 7600 mg/kg

Water

LD50(rat): >90000 mg/kg

**Ingestion**

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

**Inhalation**

Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.



**Skin**

May be irritating to skin. The symptoms may include redness, itching and swelling.

Tall oil fatty acids

Eye : Mild: (effects reversible in les)

**Eye**

May be irritating to eyes. The symptoms may include redness, itching and tearing.

Tall oil fatty acids

Eye : Mild: (effects reversible in les)

**Respiratory sensitisation**

Not expected to be a respiratory sensitiser.

**Skin Sensitisation**

Not expected to be a skin sensitiser.

**Germ cell mutagenicity**

Not considered to be a mutagenic hazard.

**Carcinogenicity**

Not considered to be a carcinogenic hazard.

**Reproductive Toxicity**

Not considered to be toxic to reproduction.

**STOT-single exposure**

Not expected to cause toxicity to a specific target organ.

**STOT-repeated exposure**

Not expected to cause toxicity to a specific target organ.

**Aspiration Hazard**

Not expected to be an aspiration hazard.

---

## 12. ECOLOGICAL INFORMATION

---

**Ecotoxicity**

The available ecological data is given below.

**Persistence and degradability**

Water

Persistence: Water/Soil: LOW

Persistence: Air: LOW

**Mobility**

Water

LOW (KOC = 14.3)

**Bioaccumulative Potential**

Water

LOW (LogKOW = -1.38)

**Other Adverse Effects**

Not available

**Environmental Protection**

Prevent large amounts from entering waterways, drains and sewers.



**Acute Toxicity - Fish**

Water

LC50(Fish): 897.520mg/L/96h

**Acute Toxicity - Daphnia**

Tall oil fatty acids

EC50(Crustacea):  $\geq 1000$ mg/L/48h

Water

EC50(Crustacea): 199.179mg/L/384h

**Acute Toxicity - Algae**

Tall oil fatty acids

EC0(Algae or other aquatic plants):  $\geq 1000$ mg/L/72h

EC50(Algae or other aquatic plants):  $\geq 1000$ mg/L/72h

NOEC(Algae or other aquatic plants):  $\geq 1000$ mg/L/72h

Water

EC50(Algae or other aquatic plants): 8768.874mg/L/96h

---

## 13. DISPOSAL CONSIDERATIONS

---

**Disposal considerations**

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

---

## 14. TRANSPORT INFORMATION

---

**Transport Information**

Road and Rail Transport (ADG Code):

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).

Marine Transport (IMO/IMDG):

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO/IATA):

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

**U.N. Number**

None Allocated

**UN proper shipping name**

None Allocated

**Transport hazard class(es)**

None Allocated

**IMDG Marine pollutant**

No

**Transport in Bulk**

Not available



**Special Precautions for User**

Not available

---

## 15. REGULATORY INFORMATION

---

**Regulatory information**

Not classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**Poisons Schedule**

Not Scheduled

---

## 16. OTHER INFORMATION

---

**Date of preparation or last revision of SDS**

SDS amendment: November 2017 SECTION 6 and 12

SDS amendment: July 2017 SECTION 1 and 16

SDS Created: November 2016

**References**

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

**Other Information**

HACCP (for use in registered food establishments) Approved

GECA (Good Environmental Choice) Certified CPv2.2-2012 Cleaning Products

## END OF SDS

© Copyright Chemical Safety International Pty Ltd

Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe SDS displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe SDS displayed is the intellectual property of Chemical Safety International Pty Ltd.

The compilation of SDS's displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copying of any SDS displayed is permitted for personal use only and otherwise is not permitted. In particular the SDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of SDS without the express written consent of Chemical Safety International Pty Ltd.

