

# Safety Data Sheet

Infosafe No™ LQ2NR Issue Date : September 2013 ISSUED by CMTA

Product Name **OIL SPILL EATER II, OSE II**

## 1. Identification

**GHS Product Identifier** OIL SPILL EATER II, OSE II  
**Product Code** 3821000000  
**Company Name** CMTA  
**Address** 158 Garretts Road Longford  
Vic 3851 Australia  
**Telephone/Fax Number** Tel: +61 3 51 434 700  
**Emergency phone number** 0403 515 111  
**Email** www.cmtainternational.com  
**Recommended use of the chemical and restrictions on use** Fire retardant. Bioremediation product that converts hydrocarbons, chlorinated hydrocarbons and most organic based material or waste to carbon dioxide and water.

## 2. Hazard Identification

**Classification of the substance or 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

**Composition, information on ingredients** A hydrocarbon bioremediation product containing all natural ingredients.

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Ingredients determined not to be hazardous, including water.		100 %

## 4. First-aid measures

**Inhalation** If large amounts of vapour inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.

**Ingestion** Do not induce vomiting. Wash out mouth thoroughly with water. If less than 1/2 litre is ingested, no toxic symptoms should occur. If more than 1/2 litre is ingested, seek medical attention.

**Skin** Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

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

**First Aid Facilities** Eye wash and normal washroom facilities.

**Advice to Doctor** Treat symptomatically.

## 5. Fire-fighting measures

**Suitable extinguishing media** None required. Product is a fire retardant.

**Hazards from Combustion Products** Not applicable. Product is a fire retardant.

**Specific hazards arising from the chemical** Product is a fire retardant. However, if applied to a burning fire, there can be a slight flash before fire goes out.

**Decomposition Temp.** Not available

# Safety Data Sheet

Infosafe No™ LQ2NR	Issue Date : September 2013	ISSUED by CMTA
--------------------	-----------------------------	----------------

Product Name **OIL SPILL EATER II, OSE II**

**Precautions in connection with Fire** Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours, fumes or products of combustion. Water spray may be used to cool down heat-exposed containers.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures** Wear appropriate personal protective equipment and clothing to minimise exposure. Increase ventilation. Wash down with water. Non-toxic to the environment.

## 7. Handling and storage

**Precautions for Safe Handling** Use only in a well ventilated area. Keep containers sealed when not in use. Avoid inhalation of vapours, and skin or eye contact. 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. Store in suitable, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations. Store below 48.9°C.

**Temperatures Recommended** Polyethylene drums or PVC are acceptable.

**Materials Unsuitable Materials** None known.

**Other Information** Product can freeze / thaw without any negative effect on product.

## 8. Exposure controls/personal protection

**Occupational exposure limit values** No exposure standards have been established for this material by Safe Work, Australia. 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** As with all chemicals, exposure should be kept to the lowest possible levels. 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** Not normally required. However, if engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist filter should be used. Reference should be made to Australian/New Zealand 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 worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

**Hand Protection** Wear gloves of impervious material, such as rubber or any plastic glove. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

**Body Protection** Not normally required.

## 9. Physical and chemical properties

**Appearance** Amber to brown liquid

**Odour** Some smell of ferment

**Decomposition Temperature** Not available

**Melting Point** Not available

# Safety Data Sheet

Infosafe No™ LQ2NR	Issue Date : September 2013	ISSUED by CMTA
--------------------	-----------------------------	----------------

Product Name **OIL SPILL EATER II, OSE II**

<b>Boiling Point</b>	Not available
<b>Solubility in Water</b>	100%
<b>pH</b>	Not available
<b>Vapour Pressure</b>	Same as water.
<b>Vapour Density (Air=1)</b>	1.1, same as water.
<b>Evaporation Rate</b>	Not available
<b>Odour Threshold</b>	Not available
<b>Viscosity</b>	Not available
<b>Partition Coefficient: n-octanol/water</b>	100% soluble-non partitioning.
<b>Dropping Point</b>	Same as water.
<b>Density</b>	1.1, same as water.
<b>Flash Point</b>	>3871.1°C, same as water.
<b>Flammability</b>	Non-flammable
<b>Auto-Ignition Temperature</b>	Not applicable
<b>Flammable Limits - Lower</b>	Not applicable
<b>Flammable Limits - Upper</b>	Not applicable

## 10. Stability and reactivity

<b>Reactivity</b>	Reacts with incompatible materials.
<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.
<b>Conditions to Avoid</b>	Avoid temperatures >48.9°C. Avoid extremes of temperature and direct sunlight during storage and transport.
<b>Incompatible Materials</b>	Strong oxidising agents.
<b>Hazardous Decomposition Products</b>	None. Product decomposes to carbon dioxide and water.
<b>Hazardous Polymerization</b>	Not available

## 11. Toxicological Information

<b>Toxicology Information</b>	No toxicity data available for this product.
<b>Ingestion</b>	Potentially toxic if more than 1/2 litre ingested. Ingestion may cause irritation to the gastric tract, with stomach pain, nausea and vomiting.
<b>Inhalation</b>	Inhalation of large amounts of product vapours may cause irritation of the nose, throat and respiratory system.
<b>Skin</b>	May be irritating to skin. The symptoms may include redness, itching and swelling. Prolonged exposure to skin may cause some drying of the skin. Wash off with water.
<b>Eye</b>	May be irritating to eyes. The symptoms may include redness, itching and tearing.
<b>Respiratory sensitisation</b>	Not expected to be a respiratory sensitiser.
<b>Skin Sensitisation</b>	Not expected to be a skin sensitiser.
<b>Germ cell mutagenicity</b>	Not considered to be a mutagenic hazard.
<b>Carcinogenicity</b>	Not considered to be a carcinogenic hazard.

# Safety Data Sheet

Infosafe No™ LQ2NR Issue Date : September 2013 ISSUED by CMTA

Product Name **OIL SPILL EATER II, OSE II**

**Reproductive Toxicity** Not considered to be toxic to reproduction.  
**STOT-single exposure** Not considered to cause toxicity to a specific target organ.  
**STOT-repeated exposure** Not considered to cause toxicity to a specific target organ through prolonged or repeated exposure.  
**Aspiration Hazard** Not expected to be an aspiration hazard.

## 12. Ecological information

**Ecotoxicity** 100% soluble. Slightly toxic to practically non-toxic (IMO/GESAMP) classification as OSEII meets the AUSTRALIAN MARITIME SAFETY AUTHORITY ecotoxicity acceptability criteria for product listing under the National Plan i.e. exceeds a NATA 96 hour EC50 value (or equivalent test protocol) of 10ppm or above.  
Ecotoxicological data has been determined specifically for this product. Information given is for specific sensitive (aquatic) species in fresh and salt water, see below.

**Persistence and degradability** Product completely biodegrades in water or soil environments and will not persist.

**Mobility** Liquid that floats on water and solubilizes rapidly. If it comes in contact with soil will percolate at the same rate as water and will biodegrade rapidly.

**Bioaccumulative Potential** None.

**Environmental Protection** No special precautions required.

**Acute Toxicity - Fish** LC50 Brine shrimp: >1,900 mg/l up to 10,000 mg/l.  
LC50 Fundulus Heterocletus 96 hour: 5,258 mg/l.  
LC50 Rainbow Trout: 10,000 mg/l.  
LC50 Fathead Minnows (Pimephale promelas): 9,300 mg/l.

**Acute Toxicity - Other Organisms** Australia NATA test results:  
IC10 (milky oyster, Saccostrea echinata): 11.0 (10.0-11.9)mg/l/48h  
EC50 (milky oyster, Saccostrea echinata): 16.5 (16.0-17.1)mg/l/48h  
NOEC (milky oyster, Saccostrea echinata): 10.0mg/l  
LOEC (milky oyster, Saccostrea echinata): 20.0mg/l

EC10 (mussel, Mytilus galloprovincialis): >20.0mg/l/72h  
EC50 (mussel, Mytilus galloprovincialis): >20.0mg/l/72h  
NOEC (mussel, Mytilus galloprovincialis): 20.0mg/l  
LOEC (mussel, Mytilus galloprovincialis): >20.0mg/l

## 13. Disposal considerations

**Disposal Considerations** No special disposal required.

## 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.

**IMDG Marine pollutant** No

## 15. Regulatory information

# Safety Data Sheet

Infosafe No™ LQ2NR                      Issue Date : September 2013                      ISSUED by CMTA

Product Name **OIL SPILL EATER II, OSE II**

---

<b>Regulatory Information</b>	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).
<b>Poisons Schedule</b>	Not Scheduled
<b>AICS (Australia)</b>	All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempted.

---

## 16. Other Information

---

**Date of preparation or last revision of SDS**      SDS Created: September 2013

**Literature 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, Safe work Australia.  
American Conference of Industrial Hygienists (ACGIH).  
Globally Harmonised System of classification and labelling of chemicals.  
...End Of MSDS...

© Copyright ACOHS 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 MSDS displayed is the intellectual property of Acohs Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd.  
The compilation of MSDS's displayed is the intellectual property of Acohs Pty Ltd.

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