

SAFETY DATA SHEET

Infosafe No™ LQ2NR

Issue Date: September 2018

ISSUED by CMTA Pty Ltd

Product Name: OIL SPILL EATER II, OSE II
Not classified as hazardous

1. IDENTIFICATION

GHS product Identifier OIL SPILL EATER II, OSE II
Product Code 3821000000

Company name CMTA International Pty Ltd

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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. COMPOSTION / INFORMATION ON INGREDIENTS

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

Ingredients	Name	CAS	Proportion
	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 ½ 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.

SAFETY DATA SHEET

Infosafe No™ LQ2NR

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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

Fire 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
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 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.
Storage temperatures	Store below 48.9°C.
Recommended materials	Polyethylene drums or PVC are acceptable.
Unsuitable materials	None known.
Other information	Product can freeze / thaw without any negative effect on product.

SAFETY DATA SHEET

Infosafe No™ LQ2NR

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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. As with all chemicals, exposure should be kept to the lowest 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	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

Boiling point	Not available
Solubility in water	100%
pH	Not available
Vapour pressure	Same as water.
Vapour density (Air=1)	1.1, same as water.
Evaporation rate	Not available
Odour threshold	Not available
Viscosity	Not available
Partition Coefficient: n-octanol/water	100% soluble-non-partitioning.
Dropping point	Same as water.
Density	1.1, same as water.
Flash point	>3871.1°C, same as water.
Flammability	Non-flammable
Auto-Ignition temperature	Not applicable
Flammable Limits - lower	Not applicable
Flammable Limits - upper	Not applicable

10. STABILITY AND REACTIVITY

Reactivity	Reacts with incompatible materials.
Chemical stability	Stable under normal conditions of storage and handling.
Conditions to avoid	Avoid temperatures >48.9°C. Avoid extremes of temperature and direct sunlight during storage and transport.
Incompatible materials	Strong oxidising agents.
Hazardous decomposition products	None. Product decomposes to carbon dioxide and water.
Hazardous polymerization	Not available

SAFETY DATA SHEET

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11. TOXICOLOGICAL INFORMATION

Toxicology information	No toxicity data available for this product.
Ingestion	Potentially toxic if more than 1/2 litre ingested. Ingestion may cause irritation to the gastric tract, with stomach pain, nausea and vomiting.
Inhalation	Inhalation of large amounts 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. Prolonged exposure to skin may cause some drying of the skin. Wash off with water.
Eye	May be irritating to eyes. The symptoms may include redness, itching and tearing.
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 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. 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.

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

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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
AICS (Australia)	All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempted.

16. OTHER INFORMATION

Date of preparation of last revision of SDS: SDS revised: September 2018

Literature references: Model Code of Practice: Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
The Poisons Standard (Standard for the Uniform Scheduling of Medicines and Poisons -SUSMP).
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 SAFETY DATA SHEET