

**PRODUCT NAME OSMOSE ULTRAWOOD WATER REPELLANT CONCENTRATE**

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

**Supplier Name** OSMOSE (AUSTRALIA) PTY LTD  
**Address** Cafirco Road, Mount Gambier, SA, AUSTRALIA, 5290  
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**Emergency** 1800 088 809  
**Email**  
**Web Site** <http://www.osmose.com.au>

**Synonym(s)** ULTRAWOOD WATER REPELLANT CONCENTRATE  
**Use(s)** TIMBER TREATMENT, WATER REPELLENT

**2. HAZARDS IDENTIFICATION**

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

<b>UN No.</b>	None Allocated	<b>Hazchem Code</b>	None Allocated	<b>Pkg Group</b>	None Allocated
<b>DG Class</b>	None Allocated	<b>Subsidiary Risk(s)</b>	None Allocated	<b>EPG</b>	None Allocated

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredient	Formula	Conc.	CAS No.
ALIPHATIC HYDROCARBON(S)	Not Available	>60%	
SURFACTANT	Not Available	<10%	Not Available
WATER	H2O	Not Available	7732-18-5

**4. FIRST AID MEASURES**

**Eye** Hold eyelids apart and flush continuously with water. Continue until advised to stop by the Poisons Information Centre, a doctor, or for at least 15 minutes. Keep patient calm.

**Inhalation** If over exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.

**Skin** Remove contaminated clothing and gently flush affected areas with water. Seek medical attention if irritation develops. Launder clothing before reuse.

**Ingestion** DO NOT induce vomiting. Immediately wash out mouth with water, and then give water to drink. Seek medical attention.

**Advice to Doctor** Treat symptomatically

**5. FIRE FIGHTING MEASURES**

**Flammability** Non flammable. May evolve toxic gases (hydrocarbons, carbon oxides) when heated to decomposition.

**Fire and Explosion** Non flammable. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

**Extinguishing** Non flammable. Prevent contamination of drains or waterways, absorb runoff with sand or similar.

**Hazchem Code** None Allocated

## 6. ACCIDENTAL RELEASE MEASURES

**Spillage** If spilt (bulk), contact emergency services if appropriate. Wear splash-proof goggles, PVC/rubber gloves, a Type A (Organic vapour) respirator (where an inhalation hazard exists), coveralls and boots. Ventilate and clear area of all unprotected personnel. Absorb spill with sand or similar, collect and place in sealable containers for disposal. Caution - spill site may be slippery.

## 7. STORAGE AND HANDLING

**Storage** Store out of direct sunlight and out of the reach of children, in a cool, dry, well ventilated area, removed from oxidising agents (eg. hypochlorites), acids (sulphuric acid), heat sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Large storage areas should have appropriate ventilation systems.

**Handling** Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas (eg. if container is damaged).

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Ventilation** Use with adequate natural ventilation. Open windows and doors where possible. In poorly ventilated areas, mechanical extraction ventilation is recommended.

**PPE** Wear splash-proof goggles and rubber or PVC gloves. With prolonged use, wear neoprene or nitrile gloves. Where an inhalation risk exists, wear a Type A (Organic vapour) Respirator. When using large quantities or where heavy contamination is likely, wear coveralls.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	WHITE LIQUID	<b>Solubility (water):</b>	SOLUBLE
<b>Odour:</b>	HYDROCARBON ODOUR	<b>Specific Gravity:</b>	0.95
<b>pH:</b>	7 (Approximately)	<b>% Volatiles:</b>	NOT AVAILABLE
<b>Vapour Pressure:</b>	NOT AVAILABLE	<b>Flammability:</b>	NON FLAMMABLE
<b>Vapour Density:</b>	NOT AVAILABLE	<b>Flash Point:</b>	NOT RELEVANT
<b>Boiling Point:</b>	100 C	<b>Upper Explosion Limit:</b>	NOT RELEVANT
<b>Melting Point:</b>	NOT AVAILABLE	<b>Lower Explosion Limit:</b>	NOT RELEVANT
<b>Evaporation Rate:</b>	NOT AVAILABLE	<b>Autoignition Temperature:</b>	NOT AVAILABLE
<b>Exposure Standard:</b>	NOT AVAILABLE		

## 10. STABILITY AND REACTIVITY

**Reactivity** Incompatible with oxidising agents (eg. peroxides) and acids (eg. hydrochloric acid).

**Decomposition Products** May evolve toxic gases (hydrocarbons, carbon oxides) when heated to decomposition.

## 11. TOXICOLOGICAL INFORMATION

**Health Hazard Summary** This product may only cause adverse health effects with prolonged and repeated skin contact, direct eye contact or vapour inhalation at high levels. Chronic, high level over exposure may result in central nervous system damage.

**Eye** Exposure may result in lacrimation, irritation, pain and redness.

**Inhalation** Inhalation may cause irritation to the respiratory system, nose and throat irritation, coughing, and headache. Over exposure may result in nausea, dizziness and drowsiness.

**Skin** Prolonged and repeated contact may result in drying and defatting of the skin with rash and dermatitis.

**Ingestion** Ingestion may result in gastrointestinal irritation, nausea and vomiting with large doses. Aspiration may result in chemical pneumonitis and pulmonary oedema.

**Toxicity Data** No LD50 data available for this product.

## 12. ECOLOGICAL INFORMATION

**Environment** Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal** For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. For larger amounts, contact the manufacturer for additional information. Prevent contamination of drains or waterways as aquatic life may be threatened and environmental damage may result.

**Legislation** Dispose of in accordance with relevant local legislation.

## 14. TRANSPORT INFORMATION

**Shipping Name** None Allocated

**UN No.** None Allocated      **Hazchem Code** None Allocated      **Pkg Group** None Allocated

**DG Class** None Allocated      **Subsidiary Risk(s)** None Allocated      **EPG** None Allocated

## 15. REGULATORY INFORMATION

**Poison Schedule** A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

**AICS** All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

**Additional Information** WORK PRACTICES - SOLVENTS: Organic solvents may present both a health and flammability hazard. It is recommended that engineering controls should be adopted to reduce exposure where practicable (for example, if using indoors, ensure explosion proof extraction ventilation is available). Flammable or combustible liquids with explosive limits have the potential for ignition from static discharge. Refer to AS 1020 (The control of undesirable static electricity) and AS 1940 (The storage and handling of flammable and combustible liquids) for control procedures.

RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

### ABBREVIATIONS:

mg/m<sup>3</sup> - Milligrams per cubic metre

ppm - Parts Per Million

TWA/ES - Time Weighted Average or Exposure Standard.

CNS - Central Nervous System

NOS - Not Otherwise Specified

pH - relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline.

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

M - moles per litre, a unit of concentration.

IARC - International Agency for Research on Cancer.

### PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Chem Alert report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

### HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

**Report Status** This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer's Material Safety Data Sheet ('MSDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding

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any aspect of the product should be obtained directly from the manufacturer.

While RMT has taken all due care to include accurate and up-to-date information in this MSDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this MSDS.

**Prepared By**

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**End of Report**