

Chem Alert Report

Product Name **COOEE ECOTRAX**

Ingredient

WATER
BITUMEN EMULSION
SURFACTANT
ADDITIVES

Conc.

>50%
30 - 60%
<2%
Not Available

CAS No.

7732-18-5
Not Available
Not Available
Not Available

Synonyms NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA
ECOTRAX.

Appearance BROWN LIQUID

Odour SLIGHT ODOUR

Use(s) SOIL STABILISATION.

Supplier COOEE PRODUCTS PTY LTD Ph: (07) 5479 1620

Stock No. , .

Poison Sched None Allocated

Hazchem None Allocated

UN No. None Allocated

D.G Class None Allocated

Pkg Group None Allocated

EPG None Allocated

Sub/Tert Risk None Allocated

HEALTH HAZARDS

Health Hazard Summary Low toxicity - irritant. Use safe work practices to avoid eye or prolonged skin contact and vapour/mist inhalation. May irritate the respiratory system if used in poorly ventilated areas.

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

Inhalation Low irritant. Due to the low vapour pressure, an inhalation hazard is not anticipated. Product may only present an inhalation hazard if heated. Over exposure to vapours may result in nausea, headache and dizziness.

Skin Irritant. Prolonged contact may result in rash and photosensitisation.

Ingestion Low toxicity via ingestion.

PRECAUTIONS

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

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

Ventilation Do not inhale vapours. Use in well ventilated areas. In poorly ventilated areas, mechanical extraction ventilation is recommended.

PERSONAL PROTECTIVE EQUIPMENT

PPE Wear splash-proof goggles, coveralls and PVA or viton (R) gloves. Where an inhalation risk exists, wear a Type A (Organic vapour) Respirator. If spraying, wear rubber boots, a Type A-Class P1 (Organic vapour and Particulate) Respirator or an Air-line respirator and impervious coveralls. If sanding dry product, wear a Class P1 (Particulate) Respirator.



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FIRST AID

- Eye** Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre, or for at least 15 minutes.
- Inhalation** Leave area of exposure. If symptoms develop, seek urgent medical attention. If assisting a victim, avoid becoming a casualty, wear a Type A (Organic vapour) respirator (or Air-line respirator in poorly ventilated areas). If victim not breathing, apply artificial respiration and seek urgent medical attention.
- Skin** Remove contaminated clothing and gently flush affected areas with water. Seek medical attention if irritation develops. Launder clothing before reuse.
- Ingestion** If poisoning occurs, contact a Doctor or Poisons Information Centre on 13 11 26 (Australia Wide). Do not induce vomiting. Seek urgent medical attention.

SAFE HANDLING

- Storage** Store in cool, dry, well ventilated area, removed from oxidising agents, acids and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.
- Waste Disposal** For small amounts absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Contact Risk Management Technologies on (08) 9322 1711 for additional information if larger amounts are involved. Prevent contamination of drains and waterways as aquatic life may be threatened and environmental damage may result.
- Transport** Not regulated for transport purposes.

EMERGENCY

- Spillage** If spilt (bulk), contact emergency services. Wear splash-proof goggles, PVA/viton gloves, a Type A (Organic vapour) respirator or Air-line respirator, coveralls and rubber boots. Ventilate and clear area of all unprotected personnel. Eliminate heat and ignition sources, absorb spill with sand or similar and place in sealable containers for disposal. Prevent spill entering drains or waterways.
- Fire and Explosion** Non flammable. If product is present in a fire, toxic gases may be evolved. 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.

PHYSICAL AND CHEMICAL PROPERTIES

Flammability: NON FLAMMABLE
Boiling Point: 150 C (Approximately)
Exposure Standard (TWA): 5 mg/m3 Bitumen (fume)
pH: NOT AVAILABLE
Specific Gravity: 0.95
Vapour Pressure: NOT AVAILABLE
Lower Explosion Limit: NOT RELEVANT

Flash Point: NOT RELEVANT
Melting Point: NOT AVAILABLE
Evaporation Rate: NOT AVAILABLE
% Volatiles: NOT AVAILABLE
Solubility: SOLUBLE
Upper Explosion Limit: NOT RELEVANT

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ADDITIONAL INFORMATION

HAG PHRASES

HAG stands for Hazmat Action Guide. HAG phrases describe in simple terms the hazard associated with chemical products and the appropriate action to take in the event of an emergency involving the product. HAG phrases are commonly used by emergency services.

- (9) Form: Liquid.
- (50) Mixes with or is soluble in water.
- (80) Fire fighting: Does not burn.

ADDITIONAL INFORMATION FOR : ADDITIVES

Concentration in this product : Not Available

ADDITIONAL INFORMATION FOR : SURFACTANT

Concentration in this product : <2%

EMERGENCY - ENVIRONMENT

Surfactants are not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities. However larger quantities may cause foaming of waterways with adverse effects on aquatic life. At high levels, surfactants may dissolve the oils on bird feathers with potential for bird to drown. They are not expected to bioaccumulate.

ADDITIONAL INFORMATION FOR : BITUMEN EMULSION

Concentration in this product : 30 - 60%

HEALTH HAZARDS - INHALATION

In general, Bitumens are not classifiable as human carcinogens-IARC Group 3. However, extracts of steam-refined and air-refined bitumens are classified as possibly carcinogenic to humans - IARC Group 2B.

TWA : 5 mg/m³ (bitumen fume).

STEL : 10 mg/m³ (ACGIH).

HEALTH HAZARDS - SKIN

Irritant. Prolonged contact may result in rash and photosensitisation. Bitumen fumes may contain polynuclear aromatic hydrocarbons which are reported carcinogens.

TDLo (Skin) : 130 g/kg/81W (tumors).

ADDITIONAL INFORMATION FOR : WATER

Concentration in this product : >50%

Molecular Formula : H₂O

Molecular Weight : 18

ADDITIONAL SAFE HANDLING INFORMATION

BITUMEN: If bitumen is heated the vapours/fumes evolved may contain polycyclic aromatic hydrocarbons, some of which are classified as probably carcinogenic to humans (IARC Group 2A). Chronic exposure to bitumen may result in photosensitisation, a condition in which the skin reacts abnormally to light (especially sunlight and ultraviolet rays).

COLOUR RATING SYSTEM: Chem Alert reports are assigned a colour rating of Green, Amber or Red for the

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ADDITIONAL INFORMATION cont.

purpose of providing users with a quick and easy means of determining the hazardous nature of a product. Safe handling recommendations are provided in all Chem Alert reports so as to clearly identify how users can control the hazards and thereby reduce the risk (or likelihood) of adverse effects. As a general guideline a Green colour rating indicates a low hazard, an Amber colour rating indicates a moderate hazard and a Red colour rating indicates a high hazard.

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.

MINERAL OILS - BITUMEN: It is recommended that protective clothing contaminated with mineral oils or bitumen be dry cleaned at least twice weekly to avoid the potential for skin contamination and associated risk skin cancers.

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. Information provided by Risk Management Technologies is summarised for ease of use. Additional technical information is available by calling (08) 9322 1711.

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.

TRANSPORT INFORMATION:

Where a United Nations Number (UN No) is present on the Chem Alert report, the product is classified as a Dangerous Good by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road or Rail.

If no UN Number, Dangerous Goods Class or Hazchem Code has been allocated, then the Chem Alert report will state 'none allocated' in accordance with [NOHSC:2011(1994)].

STATUS OF CHEM ALERT REPORTS

Chem Alert reports are compiled as an independent source of information by RMT's scientific department, based on the latest chemical and toxicological research and, where appropriate, in compliance with relevant standards, guidance notes and legislation. Unless otherwise stated, RMT takes full responsibility for the information in the Chem Alert reports. Where available the manufacturer's original MSDS is also provided to Chem Alert subscribers as a scanned image for their convenience. In many instances Chem Alert reports are compiled on behalf of manufacturers in which case they serve as the "Manufacturer's MSDS" and are clearly identified as such on the relevant reports.

ADDITIONAL PRODUCT INFORMATION

PRECAUTIONS - VENTILATION

Maintain dust/fume levels below the recommended exposure standard (TLV/TWA).

Last Reviewed : 18th October 2002

Date Printed : 10th June 2003

END OF REPORT