

MATERIAL SAFETY DATA SHEET SOILBOND® A01 EMULSION

Not hazardous according to the criteria of NOHSC

Company Name: Soilbond Pty Ltd

Telephone Number: 1300 764 526

Emergency Number: 0417 508 873

IDENTIFICATION

Product Name: SOILBOND A01 EMULSION

Other Names: Aqueous emulsion of blended natural organic esters and acid salts.

Manufacturer's Product Codes: 270704,270729
ADG Code Classification: Does not meet criteria for classification as Dangerous Goods. Not applicable
Poisons Schedule Number: applicable
Australian Inventory of Chemical Substances: All components are listed.

Use: Soil Stabiliser and Dust Suppressant.

PHYSICAL DESCRIPTION/PROPERTIES

Appearance: Beige to dark brown emulsion with a bland odour 100 deg.C minimum
Boiling Point: Not applicable
Vapour Pressure: Approx. 1.0 @ 25 deg.C (Water =1)
Specific Gravity: Not applicable
Flash Point: Not applicable
Flammability Limits: Dispersible in water
Solubility in Water: C Approx. 1.5 @ 25 deg.

OTHER PROPERTIES

pH: Approx. 50 by wt
Percent Volatile

INGREDIENTS

Chemical Name	CAS No.	Proportion, % wt.
Tall oil pitch	8016-81-7*	30-60
Water	7732-18-5	30-60
Other ingredients determined		100
Not to be hazardous		

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HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Acute - Swallowed:

No data. Unlikely to be harmful to an adult person unless a very large dose (ie. greater than about 300 ml) is swallowed.

Acute - Eye: May cause slight irritation

Acute - Skin: May cause slight irritation

Acute - Inhaled:

If inhaled as a mist, the product may cause slight irritation to upper respiratory tract. The normal low pressure liquid drip method of application does not create mist.

Chronic No known effects:

FIRST AID

Swallowed: If swallowed, do NOT induce vomiting. Give a glass of water. Never give drink to an unconscious person. Seek immediate medical advice. For further advice call Poisons Information Centre Phone Aust13 1126

Eye:

Flush with plenty of water for at least 15 minutes, with eyelids held open. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Skin: Wash with water. Remove contaminated clothing. Wash clothing before re-use. If irritation occurs seek medical advice.

Inhaled: If inhaled (as mist), remove to fresh air. If discomfort persists seek medical advice

First Aid Facilities: Provide eye and skin washing facilities close to areas where there is potential for eye and skin contact

ADVICE TO DOCTOR Treat symptomatically

PRECAUTIONS FOR USE

EXPOSURE STANDARDS None established for the product

ENGINEERING CONTROLS: None normally required

PERSONAL PROTECTION

Respiratory protection is not normally required when using the product. Avoid contact with eyes, skin and clothing. Safety glasses with side-shields, PVC or rubber gloves and boots are recommended as good industrial practice. Wash thoroughly after handling.

FLAMMABILITY

The product does not present a flammability hazard in use. The solid residue on removal of water is combustible.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

The material is not classified as Dangerous Goods for storage or transport according to the criteria of the Australian Dangerous Goods Code (ADG Code). Due to its acidity, the product may slowly corrode aluminium, mild steel, zinc and galvanised steel containers. If the product reacts with the metal container, highly flammable hydrogen gas may be generated possibly resulting in pressurisation of the container. Store in polyethylene or polyethylene-lined containers. Stable under the normal conditions of transport and storage. Keep away from strong oxidisers.

SPILLS AND DISPOSAL

Keep out of sewer, stormwater drains and waterways. Contain spill, absorb with sand, earth or vermiculite and seal in properly labelled polyethylene drums for disposal. If possible, recycle waste material. Otherwise, dispose of solid waste in an approved landfill or dispose of waste by burning in an approved incinerator. In all cases, disposal should be in accordance with regulations. Emptied container retains product residue. Observe the safeguards on the label and in this MSDS until the container is cleaned or destroyed.

FIRE/EXPLOSION HAZARD

Non flammable aqueous solution. The solid residue after removal of water is combustible.

Hazardous Decomposition Products:

Products of combustion after water is removed include carbon monoxide and carbon dioxide.

ADDITIONAL INFORMATION

ENVIRONMENTAL INFORMATION

Based on the chemical structure of components and test data on a related product, this product is unlikely to leach any components in environmentally hazardous concentrations in stormwater when used in soil stabilisation.

WARNING STATEMENTS

HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES. THESE PRACTICES INCLUDE AVOIDING UNNECESSARY EXPOSURE AND REMOVAL OF MATERIAL FROM EYES, SKIN AND CLOTHING.

REASONS FOR REVISION- 2016 Update