

# soilbond®

Environmentally Friendly, Non-Hazardous, Australian Made Stabiliser/Binder & Dust Control Solution for Granitic Sand, Decomposed Granite, Sandstone or Crushed Rock

## Material Safety Data Sheet

### SOILBOND® A01 EMULSION

MSDS # S10011306

Rev. 07

Not hazardous according to the criteria of NOHSC

#### Supplier Details

Soilbond Pty Ltd

ABN: 94 122 541 815

Address: 8 Defence Drive, Mulwala NSW 2647 Australia

Phone 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.

**Poisons Schedule Number:** Not 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

**Boiling Point:** 100 deg.C minimum

**Vapour Pressure:** Not applicable

**Specific Gravity:** Approx. 1.0 @ 25 deg. C (water = 1)

**Flash Point:** Not applicable

**Flammability Limits:** Not applicable

**Solubility in Water:** Dispersible in water

#### Other Properties

**pH:** Approx. 1.5 @ 25 deg. C

**Percent Volatile:** Approx. 50 by weight

#### Ingredients

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

#### Health Hazard Information

##### Health Effects

**Acute - Swallowed:** No data. Unlikely to be harmful to an adult person unless a very large dose (i.e. 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 Australia: 13 11 26.

**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.

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#### 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 & 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.

#### Safe Handling Information – continued

**Spills & 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 safe guards 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.