

# MATERIAL SAFETY DATA SHEET

BERRYESSA PTY LTD

PRODUCT:

## REPEL 64

Issue 4: November 2008

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*Not classified as hazardous according to criteria of Worksafe Australia*

**UN No:** none allocated    **D.G. CLASS:** not applicable    **CAS No:** none allocated  
**Hazchem:** none allocated    **Poison Schedule:** none allocated    **Packing Group:** not applicable

### PRODUCT IDENTIFICATION

**CORRECT SHIPPING NAME :** Non-dangerous goods

**PRODUCT DESCRIPTION :** Aqueous mould release agent for extreme pressure and/or extreme heat casting of concrete.  
This product is an aqueous dispersion of esters and soaps of vegetable and animal origins.

**MANUFACTURER:** Berryessa Pty Ltd    ABN 22 051 628 454  
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fax 08 8278 1903  
[richard@berryessa.com.au](mailto:richard@berryessa.com.au)

Emergency contacts  
Richard Maerschel 0409 121179  
or any Poisons Information Centre 131 126

### HAZARDOUS INGREDIENTS:

None classified as hazardous according to criteria of Workplace Australia.

### PHYSICAL DESCRIPTION/PROPERTIES

<b>Appearance</b>	light brown aqueous liquid with mild odour
<b>Density</b>	1.00 approx.
<b>Freezing point</b>	below 0°C
<b>Boiling point</b>	100°C approx.
<b>Vapour pressure</b>	as for water
<b>Flash point</b>	not applicable
<b>Solubility in water</b>	fully miscible with water
<b>pH</b>	8-9 approx.
<b>Chemical reactivity</b>	low will react with strong acids, alkalis and oxidizing agents

### HEALTH HAZARD INFORMATION

#### ACUTE EFFECTS :

**Swallowed:** If swallowed this product is unlikely to cause any untoward effects.  
**Eye:** May be irritating.  
**Skin:** May be a skin irritant.  
**Inhaled:** Product is unlikely to produce harmful fumes at normal temperatures.  
Prolonged exposure to aerosoled or heated product may be irritating.

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### CHRONIC EFFECTS:

None known, none suspected.

The materials in this product are not considered to be carcinogenic by the Worksafe Australia lists (May 1990), the US National Toxicology Program, the International Agency for Research on Cancer or the US Occupational Safety & Health Administration.

### FIRST AID:

**Swallowed:** Small quantities unlikely to be harmful. Rinse mouth with clean water, then give water or milk to drink.

**Eye:** Hold eyes open and wash continuously for 15 minutes with running water. Ensure irrigation under eyelids by frequently lifting eyelids. Do not attempt to remove contact lenses unless trained to do so.

**Skin:** Wash splashes on skin with soap and water. Remove contaminated clothing and footwear. Ensure contaminated clothing is thoroughly washed before using again.

**Inhaled:** Product does not fume strongly at normal temperatures. If victim feels unwell after exposure, remove to fresh air. Lay victim down and keep warm and rested. If breathing is shallow or has stopped, ensure airway is clear and apply resuscitation. Transport to hospital or doctor.

**Advice to Doctor:** Treat symptomatically.

### TOXICITY DATA:

Information on ingredients suggests that this composition would be expected to have an LD<sub>50</sub> value >4000mg/Kg.

## PRECAUTIONS FOR USE

**EXPOSURE STANDARDS:** None defined.

**ENGINEERING CONTROLS:** Use in a well vented area.

### PERSONAL PROTECTION:

**Respiratory:** Not generally required.

**Gloves:** Not generally required.

**Eye Protection:** Use of goggles or safety glasses recommended.

**Clothing:** Clean overalls should be worn.

**Safety Boots:** Wearing of safety boots is generally recommended.

**Flammability** Not flammable.

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**ENVIRONMENT:** This product contains surfactants which are likely to be hazardous to marine life. Do not allow product to enter rivers or creeks.

**OTHER PRECAUTIONS:**

Note that this information is designed for workers coming into lengthy and frequent contact with this product.

### SAFE HANDLING INFORMATION

**STORAGE & TRANSPORT:**

No special requirements. Good housekeeping dictates that containers should be kept closed when not in use to minimise contamination.

**SPILLS:** Small spills should be mopped up. Washings are suitable for sewer disposal.

**DISPOSAL:** All components of this product are either inert or biodegradable within three months and are unlikely to cause any environmental hazard except for a general warning to keep surfactants out of marine and freshwater habitats. Active ingredients in this product can be precipitated with hydrated lime. The liquor is then suitable for sewer disposal with solids to land-fill.

**FIRE/EXPLOSION HAZARD:**

Heating this product to dryness is likely to leave a small proportion of combustible residues. In a large fire, small amounts of oxides of carbon and nitrogen are likely to be evolved. This product has low chemical reactivity and is not expected to polymerize.

### OTHER INFORMATION

**Personal Contacts** Richard Maerschel, Technical Manager 0409 121179

**Disclaimer**

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