

**SECTION 1: IDENTIFICATION**

**Product Name** Dissolvecrete  
**Other Names:** Not available  
**Chemical Family:** Not available  
**Molecular Formula:** Not applicable  
**Recommended Use:** Water based detergent

**Supplier information**  
New Zealand Decorative Concrete Ltd T/A Permacolour  
42A Egmont Road, Waiwhakaiho, New Plymouth  
0508 444 555 or 06 755 3320  
www.permacolour.co.nz

**SECTION 2: HAZARDS IDENTIFICATION**

This material is hazardous according to health criteria of work safe New Zealand.

**Signal word:**

Warning

**Hazard Classification:**

Serious Eye damage/irritation - Category 2A

**Hazard Statements :**

H319 Causes serious eye irritation

**Prevention Precaution Statements :**

P102 Keep out of reach of children  
P103 Read label before use  
P264 Wash hands, face and all exposed skin thoroughly after handling  
P280 Wear protective clothing, gloves, eye/face protection and suitable respirator

**Response Precaution Statements:**

P101 If medical advice is needed, have product container or label at hand.

P305 +351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P337+313 If eye irritation persists: Get medical advice/attention.

**Storage Precaution statements:**

Not allocated

**Disposal Precaution statements:**

Not allocated

**Poisons Schedule (Aust):** Not applicable

**DANGEROUS GOODS CLASSIFICATION**

Not classified as Dangerous goods by the criteria of the "New Zealand NZS5433: Transport of dangerous goods on Land".

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****Ingredients**

Chemical Entity	CAS Number	Proportion
Alcohol C9-11, Ethoxylated	68439-46-3	1-10%
Ingredients determined to be non hazardous	N/A	balance

**SECTION 4: FIRST AID MEASURES**

**For advice or if poisoning occurs, contact National Poison Centre (Phone New Zealand: 0800 764 766) or a doctor.**

**Swallowed** Rinse mouth with water. If swallowed, do not induce vomiting. Give glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs, give further water. Seek medical advice.

**Eye** Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons information centre or a doctor: or for at least 15 minutes and transport to Doctor or Hospital.

**Skin** If skin or hair contact occurs, remove contaminated clothing and flush affected area with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

**Inhaled** Remove victim from exposure—avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persists.

**PPE for First Aiders:** Wear overalls, chemical goggles and impervious gloves. Available information suggests that gloves made from Nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local con-

ditions, the user should make a final assessment, Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapor/particulate respirator meeting the requirements of AS/NZS1715 and AS/NZS 1716.

**Notes to Physician:** Treat Symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

**Hazchem code:** Not Applicable.

**Suitable Extinguishing media:** Not combustible, however, if material is involved in a fire use water fog (or of unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

**Specific Hazards:** Non-combustible material.

**Fire fighting further advice:** Not combustible, however following evaporation of aqueous component residual material can burn if ignited. On decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Small Spills

Wear protective equipment to prevent skin and eye contamination. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household rubbish. Collect and seal in properly labelled containers or drums for disposal.

### Large Spills

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

If contamination of sewers or watrways has occurred advise local emergency services.

**Dangerous Goods - initial Emergency response guide No:** Not Applicable.

## SECTION 7: HANDLING AND STORAGE

**Handling:** Avoid eye contact and repeated or prolonged skin contact.

**Storage:** Store in a cool dry well-ventilated area and out of direct sunlight. Store away from food stuffs/.Store away from incompatible materials as described in section 10. Keep containers closed when not in use—check regularly for leaks.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**National occupational exposure limits:** No value assigned for this specific material by the department of Labour new Zealand.

**Biological Limit values:** As per the “National model Regulations for the Control of Workplace hazardous Substances (safe work Australia)” the ingredients in this material do not have a Biological limit allocated.

**Engineering Measures:** natural ventilation should be adequate under normal use conditions, Keep containers closed when not in use.

**Personal protection equipment:** BLUE: Overalls, Safety shoes, chemical goggles, gloves.

Wear overalls, chemical goggles and impervious gloves. Available information suggests that gloves made from Nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment, Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated

clothing and other protective equipment before storing or re-using.

If risks of inhalation of exists, wear organic vapor/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

**Hygiene measures:** Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid eye contact and repeated or prolonged skin contact. Ensure that eyewash stations and safety showers are close to the work station location.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Form / Colour / Odour:** Clear liquid with a pleasant mild burnt sugar odour.

<b>Solubility:</b>	Soluble in water.
<b>Specific Gravity:</b>	1.085
<b>Relative Vapour Density (air+1):</b>	>1
<b>Vapour Pressure (20°C):</b>	N Av
<b>Flash Point (°C):</b>	N Av
<b>Flammability Limits (%):</b>	N Av
<b>Autoignition Temperature (°C):</b>	N Av
<b>Melting Point/Range (°C):</b>	0
<b>Boiling Point/range (°C):</b>	100
<b>pH:</b>	>3
<b>Viscosity:</b>	N Av

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** No reactivity hazards are known for the material.

**Chemical Stability:** This material is thermally stable when sorted and used as directed.

**Hazardous reactions:** No known hazardous reactions.

**Conditions to avoid:** Elevated temperatures and sources of ignition.

**Incompatible Materials:** Oxidising agents.

**Hazardous decomposition products:** Oxides of carbon and nitrogen, smoke and other toxic fumes.

## SECTION 11: TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety data sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

### Acute Effects

**Inhalation:** Material may be an irritant to mucous membranes and respiratory tract.

**Skin Contact:** Contact with skin may result in irritation.

**Ingestion:** Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

**Eye Contact:** An eye irritant.

### Acute Toxicity

**Inhalation:** this material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20 mg/L

**Skin Contact:** This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

**Ingestion:** This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

**Corrosion/Irritancy:** Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes). Skin: this material has been classified as not corrosive or irritating.

**Sensitisation:** inhalation: this material has been classified as not a respiratory sensitizer. Skin: this material has been classified as not a skin sensitizer.

**Aspiration hazard:** this material has been classified as non-hazardous.

**Specific target organ toxicity (single exposure):** This material has been classified as non-hazardous.

#### **Chronic Toxicity**

**Mutagenicity:** This material has been classified as non-hazardous.

**Carcinogenicity:** This material has been classified as non-hazardous.

**Reproductive toxicity (including via lactation):** This material has been classified as non-hazardous.

**Specific target organ toxicity (repeat exposure):** This material has been classified as non-hazardous.

### **SECTION 12: ECOLOGICAL INFORMATION**

Avoid contaminating waterways.

**Acute aquatic hazard:** No information is available to complete an assessment

**long-term aquatic hazard:** No information is available to complete an assessment

**Ecotoxicity:** No information available.

**Persistence and degradability:** No information available.

**Bioaccumulate potential:** No information available.

**Mobility:** No information available.

### **SECTION 13: DISPOSAL CONSIDERATIONS**

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "section 8. Exposure controls and personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international regulations.

### **SECTION 14: TRANSPORT INFORMATION**

#### **ROAD AND RAIL TRANSPORT**

Not classified as Dangerous Goods by the criteria of the "New Zealand NZS5433: Transport of Dangerous goods on land".

#### **MARINE TRANSPORT**

Not classified as Dangerous Goods by the criteria of the international Maritime Dangerous goods code (IMDG code) for transport by sea.

#### **AIR TRANSPORT**

Not classified as Dangerous Goods by the criteria of the international Air Transport Association (IATA) Dangerous Goods regulations for transport by air.

### **SECTION 15: REGULATORY INFORMATION**

**This material is not subject to the following international agreements:**

Montreal Protocol (ozone depleting substances)

The Stockholm convention (Persistent organic pollutants)

The Rotterdam convention (prior informed consent)

Basel Convention (hazardous waste)

International convention for the prevention of pollution from ships (MARPOL)

**This material/constituent(s) is covered by the following requirements:**

- All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AIVS).

#### **SECTION 16: OTHER INFORMATION**

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Permacolour by New Zealand Decorative Concrete.