

**I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NAME: CATALYST FOR AQUASEAL 100****DATE: March 5, 2007****SUPPLIER:** Melrose Chemicals Ltd.  
2323-46th ave.  
Lachine, QC  
CANADA H8T 3C9  
Tel: +1 (514) 631-2998  
Fax: +1 (514) 631-2997**PRODUCT USE:** Catalyst for concrete sealer**II. COMPOSITION/ INFORMATION ON INGREDIENTS**

Chemical Identity:	EINECS #	CAS #	% Conc.	Toxicity
2-(2-Butoxyethoxy)ethanol	203-961-6	112-34-5	3 - 7	Xi; R36
Ethane-1,2-diol	203-473-3	107-21-1	1 - 5	Xn; R22

**Ingredients according to Directive 2004/648/EC**

Preservatives &lt;5%

**III. HAZARDS IDENTIFICATION****Hazard classification of product according to Directive 1999/45/EC:** Not classified.**Hazards for humans:** Not hazardous.**Hazards for environment:** Not applicable.**IV. FIRST AID MEASURES****Contact with skin:** Wash exposed area with soap and water and rinse well.**Contact with eyes:** Flush with plenty of water. Get medical attention if irritation persists.**Inhalation:** Not applicable.**Ingestion:** If victim is conscious, give two glasses of water to drink. Call a physician. Do not give anything by mouth to an unconscious person.**V. FIRE FIGHTING MEASURES****Conditions of flammability:** Not flammable.**Means of extinction:** Not applicable.**Hazardous combustion products:** Not applicable.**Unusual fire and explosion hazards:** None**VI. ACCIDENTAL RELEASE MEASURES****Procedures to be followed in case of spills or leaks:** Small amounts - Flush with water.

Large amounts - Contain spill and collect into waste container. Absorb remaining product with earth or sand and dispose of with solid waste. Flush spill area with water.

**Personal protective equipment to be used:** Protective gloves and safety glasses.**VII. HANDLING AND STORAGE****Special handling procedures and equipment:** Not applicable.**Specific storage requirements:** Not applicable.**VIII. EXPOSURE CONTROL/PERSONAL PROTECTION****Respiratory Protection:** Not applicable.**Protective Gloves:** Rubber or neoprene.**Eye Protection:** Safety glasses.**Additional Protective Equipment:** Not applicable.**Ventilation:** Not applicable.**IX. PHYSICAL AND CHEMICAL PROPERTIES****Flashpoint and method of determination:** >93.3°C (C.O.C.)**Flammable limits (% in air):** LOWER: Not applicable. UPPER: Not applicable.**Auto-Ignition temp.:** Not applicable.**Physical State:** Liquid**Vapour density:** Data not available.**Coefficient of n-octanol/water distribution:** Data not available.**Odour:** Slight ammonia**Boiling Point:** 100°C

# MATERIAL SAFETY DATA SHEET

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**Specific Gravity:** 1.06  
**Vapour Pressure:** Data not available.  
**Evaporation Rate:** Data not available.  
**Solubility in water:** Complete

**Freezing Point:** -4°C  
**pH:** 8.5 - 9.5  
**Colour:** White  
**Odour threshold:** Data not available.

## X. STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions. Hazardous polymerization will not occur.  
**Incompatible substances:** Avoid strong oxidizing and reducing agents.  
**Conditions of reactivity:** Avoid contamination with reactive substances.  
**Hazardous decomposition products:** None

## XI. TOXICOLOGICAL INFORMATION

**Probable route of exposure:** Splashes in eyes.  
**Exposure Limits:** LD<sub>50</sub> (Calculated) > 10,000 mg/kg  
**Effect of acute and chronic exposure to product:** None  
**Irritating:** No  
**Sensitisation to product:** No  
**Carcinogenicity:** Data not available.  
**Reproductive toxicity:** Data not available.  
**Teratotoxicity:** Data not available.  
**Mutagenicity:** Data not available.  
**Name of toxicologically synergistic product(s):** Data not available.

## XII. ECOLOGICAL CONSIDERATIONS

**Environmental toxicity information:** Product conforms to the regulations regarding the biodegradability of the surfactants. (Directive 2004/648/EC)

## XIII. DISPOSAL CONSIDERATIONS

**For the product:** EC disposal code №:  
20 01 30 (non-hazardous detergent for municipal or industrial waste collection).  
**For the packaging:** EC disposal code №:  
15 01 02 (plastic packaging). Can be recycled.

## XIV. TRANSPORT INFORMATION

### CARRIAGE BY ROAD (CROSSING BORDERS) ADR/RID:

<b>ADR/RID Class:</b>	Not applicable.
<b>Hazard Identification Number:</b>	Not applicable.
<b>UN Number:</b>	Not applicable.
<b>Packing group:</b>	Not applicable.
<b>Label:</b>	Not applicable.
<b>UN proper shipping name:</b>	Not applicable.

### TRANSPORT BY SEA IMDG:

<b>IMDG Class:</b>	Not applicable.
<b>UN Number:</b>	Not applicable.
<b>Packing group:</b>	Not applicable.
<b>EMS Number:</b>	Not applicable.
<b>Label:</b>	Not applicable.
<b>Marine pollutant:</b>	No
<b>UN proper shipping name:</b>	Not applicable.

### TRANSPORT BY AIR ICAO-TI and IATA-DGR:

<b>ICAO/IATA Class:</b>	Not applicable.
<b>UN Number:</b>	Not applicable.
<b>Packing group:</b>	Not applicable.
<b>Label:</b>	Not applicable.
<b>UN proper shipping name:</b>	Not applicable.

**XV. REGULATORY INFORMATION**

**Inventory Status:** TSCA (USA), CEPA (Canada, DSL), EINECS (EU), China, TCCL (Korea, KECI), RA 6969 (Philippines, PICCS), NICNAS (Australia, AICS), IEC (Japan).

**WHMIS CLASSIFICATION:** Class D, div 2b.



**Danger symbol:** Not applicable

**Risk phrases:** Not applicable

**Safety phrases: 26** In case of contact with eyes rinse immediately with plenty of water and seek medical advise.

**46** If swallowed seek medical advise immediately and show this container or label.

**XVI. OTHER INFORMATION**

This product has been classified in accordance with the hazard criteria of the Canadian *Controlled Products Regulations* and the MSDS contains all the information required by the Canadian *Controlled Products Regulations* and national legislation.

This Material Safety Data Sheet is in conformation with Directive 2001/58/EC and local legislation.

R-Sentences of ingredients in paragraph II:

**22** Harmful if swallowed.

**36** Irritating to eyes.

**Replaces: M.S.D. dated:** July 13, 2005

**Version:** 8

Français

Bahasa Malayu

Español

Nederlands

Bahasa Indonesia

Deutsch