



# MATERIAL SAFETY DATA SHEET

CLEAR REFLECTION UHS Floor Finish

Date Prepared: 07/09/1998  
Date Revised: 10/04/1998

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: CLEAR REFLECTION UHS Floor Finish

### MANUFACTURER

The Butcher Company  
67 Forest Street  
Marlborough, MA 01752-3012

Butcher Telephone Number: 800-225-9475  
Emergency Telephone (24 hours): 800-228-5635 Ext 118

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS NO.	% BY WEIGHT
Dipropylene glycol monomethyl ether	34590-94-8	5 - 7

See Section 8 for Exposure Limits *NA - Not Applicable*

## 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**

Opaque, White Liquid. Mild, Ammonia Odor. Product Does Not Present a Significant Immediate Concern for Emergency Response Personnel.

### POTENTIAL HEALTH EFFECTS (See Section 11 for Toxicological Information)

PRIMARY ROUTE(S) OF EXPOSURE:  Eye     Skin Contact     Skin Absorption  
 Inhalation     Ingestion

### EFFECTS OF ACUTE EXPOSURE

EYES:  
Non-irritating to the eyes, but may cause temporary redness or discomfort.

SKIN:  
Non-irritating to the skin.

INHALATION:  
Not expected to be irritating or harmful if inhaled.

INGESTION:  
May cause mild mouth, throat and stomach irritation. Symptoms may include nausea.

### EFFECTS OF CHRONIC EXPOSURE:

Prolonged or repeated contact may cause skin irritation.

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**MEDICAL CONDITIONS AGGRAVATED:**

None known.

**4. FIRST AID MEASURES**

**EYES:**

Flush eyes with plenty of water while holding eyelids apart. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Do not put any medication in the victim's eyes unless instructed by a physician. Get medical attention if irritation develops.

**SKIN:**

Flush with water, then wash with soap and water. Remove saturated clothing. Get medical attention if irritation develops.

**INHALATION:**

Remove to fresh air. Get medical attention if symptoms persist.

**INGESTION:**

Do not induce vomiting. Drink large quantities of water. Get medical attention.

**5. FIRE FIGHTING MEASURES**

FLASH POINT AND METHOD: >200°F 93°C TCC

**FLAMMABLE LIMITS:**

Not applicable.

AUTOIGNITION TEMPERATURE: Not applicable.

**EXTINGUISHING MEDIA:**

Use extinguishing media appropriate for surrounding fire.

**HAZARDOUS COMBUSTION PRODUCTS:**

Normal products of combustion (carbon monoxide and carbon dioxide).

**FIRE AND EXPLOSION HAZARDS:**

None known.

**FIRE FIGHTING INSTRUCTIONS:**

This product is not flammable. As in any fire, MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear should be worn.

**6. ACCIDENTAL RELEASE MEASURES**

Floors may be slippery. Use care to avoid falling. Contain spill. Use mop, absorbent, or wet vacuum to collect material for proper disposal. Rinse area with water.

**7. HANDLING AND STORAGE**

**HANDLING:**

Use good personal hygiene practices. No special precautions are required for anticipated conditions of use. Remove saturated clothing.

**STORAGE:**

Keep container closed when not in use. Keep from freezing.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**EYE:**

Not required under normal conditions of use.

**SKIN:**

Where prolonged or repeated contact is possible, chemical-resistant clothing (e.g., gloves) is recommended.

**RESPIRATORY:**

No respiratory protection is required if ventilation is adequate.

**ENGINEERING CONTROLS:**

General room ventilation is expected to be adequate.

**EXPOSURE LIMITS:**

<u>INGREDIENT(S)</u>	<u>OSHA PEL/STEL</u>	<u>ACGIH TLV/STEL</u>
Dipropylene glycol monomethyl ether	100 ppm (600 mg/m3)/ 150 ppm (Skin)	100 ppm (606 mg/m3)/ 150 ppm (Skin)

*NE - Not Established*

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- PHYSICAL STATE: Liquid
- ODOR: Mild, Ammonia
- APPEARANCE: Opaque, White
- pH: 8.2 to 8.7
- PERCENT VOLATILE BY WEIGHT: 84
- VAPOR PRESSURE: Not Determined
- VAPOR DENSITY: Not Determined
- BOILING POINT: Not Determined
- FREEZING/MELTING POINT: Not Determined
- SOLUBILITY IN WATER: Dispersible
- EVAPORATION RATE: Not Determined
- SPECIFIC GRAVITY: 1.02
- VISCOSITY: Water Thin
- OCTANOL/WATER PARTITION COEFFICIENT: Not Determined
- ODOR THRESHOLD: Not Determined

**10. STABILITY AND REACTIVITY**

STABILITY (CONDITIONS TO AVOID):

Stable.

POLYMERIZATION:

Will not occur.

HAZARDOUS DECOMPOSITION:

None.

INCOMPATIBLE MATERIALS:

None known.

**11. TOXICOLOGICAL INFORMATION**

ACUTE DATA:

Based on testing of similar products, this product is non-irritating to skin and eyes. The following data are available for product ingredients.

<u>PRODUCT/INGREDIENT</u>	<u>ORAL LD<sub>50</sub> (rat)</u>	<u>DERMAL LD<sub>50</sub> (rabbit)</u>	<u>INHALATION LC<sub>50</sub> (rat)</u>
Dipropylene glycol monomethyl ether	5135 mg/kg	9500 mg/kg	Not Available

SENSITIZATION DATA:

No data available.

CHRONIC DATA:

Prolonged overexposure to dipropylene glycol monomethyl ether by inhalation has caused minor liver effects in laboratory animals; overexposure by dermal absorption has also caused minor kidney effects in laboratory animals.

REPRODUCTIVE/TERATOGENIC DATA:

No data available.

CARCINOGENIC/MUTAGENIC DATA:

Not listed as carcinogenic by NTP, IARC, or ACGIH or regulated as a carcinogen by OSHA.

SYNERGISTIC MATERIALS:

No data available.

**12. ECOLOGICAL INFORMATION**

No data available.

**13. DISPOSAL CONSIDERATIONS**

Disposal of this material should be in accordance with local, state or provincial and federal regulations. The unused product, as manufactured, is a RCRA non-hazardous waste in accordance with 40 CFR 261. The product has not been evaluated by the Toxicity Characteristic Leachate Procedure (TCLP). According to RCRA, it is the responsibility of the waste generator to ensure proper disposal.

**14. TRANSPORT INFORMATION**

DOT/TDG HAZARDOUS MATERIAL DESCRIPTION: Not regulated

**15. REGULATORY INFORMATION**

*Not meant to be all-inclusive—selected regulations represented.*

**UNITED STATES**

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Under 40 CFR 370.2, this product meets the following hazard category:  
Delayed.

313 REPORTABLE INGREDIENTS: Ingredients in this product are not currently subject to notification.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: None of the ingredients in this product are reportable under CERCLA.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: This product complies with all TSCA inventory requirements.

MASSACHUSETTS, NEW JERSEY, PENNSYLVANIA RIGHT-TO-KNOW:

<u>INGREDIENT(S)</u>	<u>CAS NO.</u>	<u>STATE LISTING</u>
Water	7732-18-5	Not Listed
Acrylic polymer	NA	Not Listed
Dipropylene glycol monomethyl ether	34590-94-8	MA, NJ, PA
Tributoxyethyl phosphate	78-51-3	Not Listed
Ethylene copolymer (NJ Trade Secret Registry #11173400-5075P)	NA	Not Listed

*NA - Not Applicable*

**CANADA**

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):

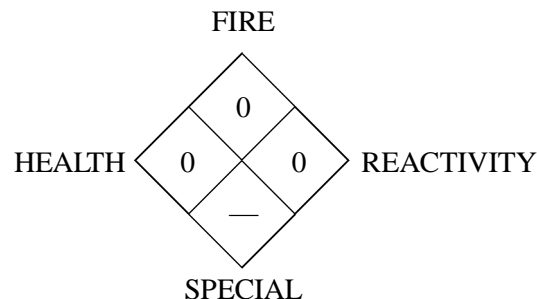
Not controlled by WHMIS. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**16. OTHER INFORMATION**

HMIS RATING

HEALTH	-	0
FLAMMABILITY		0
REACTIVITY		0
PERSONAL PROTECTION	-	

NFPA RATING



MSDS STATUS

Revision #: 1

This MSDS replaces the August 18, 1998 MSDS. Any changes in information are as follows:

APPROVAL DATE: 10/04/1998

*The information on this data sheet represents our current data and best opinion as to the proper use in handling of the product under normal foreseeable conditions. Any use of this product which is not in conformance with this data sheet or product label, or which involves using the product in combination with any other product or any other process is the responsibility of the user.*