

# SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

N/D=Not Determined  
N/A=Not Applicable

**Product:** CLEAN

**Chem. Name:** N/A

**Chem. Family:** Mixture

**Manufacturer:** ESTEAM

**Trade Name:** Clean

**Use:** Carpet spotting compound

**Flammability:** 0

**Reactivity:** 0

**Health:** 1

**Protection:**

NFPA LEAST=0, SLIGHT=1, MODERATE=2, HIGH=3, EXTREME=4

## HAZARDOUS INGREDIENTS

2-Butoxyethanol  
N-Pentyl Acetate  
Coconut Diethanolamide

### CAS #

111-76-2  
628-63-7  
68603-42-9

### % WT

.1-1  
.1-1  
.1-1

### HAZARD DATA

LD50 1746 mg/kg (oral-rat)  
LD50 6500 mg/kg (oral-rat)  
LD50 2700 mg/kg (oral-rat)

### EXPOSURE LIMITS (TLV)

25 ppm TWA  
100 ppm TWA  
N/D

## PHYSICAL DATA

**Physical State:** Liquid

**Odor/ Appearance:** Golden, candy color

**Boiling Point (C):** 102

**Freezing Point (C):** N/D

**Solubility in Water:** 100%

**Ph (undiluted):** 9.0

**Evaporation Rate:** 1.0

**Specific Gravity:** Approx 1

### Freeze/Thaw

**Stable:** Yes

**Percent Volatile (vol):** 95+

**Vapor Pressure:** As water

## FIRE & EXPLOSION HAZARD

**Flammability:** N

**Means of Extinction:** N/A

**Special Procedures:** N/A

**Explosion Sensitivity to Impact:** N/A

**Chemical Sensitivity to Static Discharge:** N/A

**Flashpoint (C) & Method:** N/A

**Conditions:** N/A

**Hazardous Combustion Products:** N/A

**Upper Explosion Limit (% by vol):** N/A

**Lower Explosion Limit (% by vol):** N/A

**Auto-ignition:** N/A

**Rate of Burning:** N/A

**Explosive Power:** N/A

**TDG/WHMIS:** Non Hazardous / D2B

## REACTIVITY DATA

**Chemical Stability:** Stable

**Hazardous Decomposition Product:** Ammonia, CO, CO2

**Incompatible Substances:** Strong acids

## TOXICOLOGICAL PROPERTIES

**Route of Entry - Skin Contact:** Y  
**Route of Entry - Skin Absorption:** Y  
**Route of Entry - Eye Contact:** Y  
**Route of Entry - Inhalation:** N  
**Route of Entry - Ingestion:** Y

**Reproductive Effects Y/N:** N/D  
**Carcinogenicity Y/N:** N/D  
**Mutagenicity Y/N:** N/D  
**Teratogenicity Y/N:** N/D  
**TLV:** N/D

### Effects of Overexposure:

#### Acute Effects:

May cause eye and skin irritation. May be harmful if swallowed.

#### Chronic Effects:

Repeated or prolonged contact may cause defatting dermatitis.

## PREVENTATIVE MEASURES

**Gloves:** Not required  
**Eyes:** N/A

**Footwear:** N/A  
**Respirator:** N/A

**Clothing:** N/A  
**Other:** N/A

### Recommended Engineered Controls:

Use with adequate ventilation. Local exhaust recommended.

### Leak & Spill Procedures:

Mop up excess. Flush with water to a sanitary sewer.

### Waste Disposal Methods:

According to federal, provincial and municipal regulations.

### Special Handling Procedures:

Keep container tightly closed. Store in a cool dry place away from children.

## FIRST AID MEASURES

**Inhalation:** No special procedures.

**Ingestion:** Contact a physician.

**Eye Contact:** Immediately flush eyes with running water for at least 15 minutes. Contact a physician if irritation persists.

**Skin Contact:** Immediately flush skin for at least 15 minutes. Launder clothing before reuse. Contact a physician if irritation persists.

**Prep./Revised Date:** May 1, 2007

**Prepared By:** R. Russell

**Source Material:** Manufacturer's MSDS

**Emergency Response:** 1-613-996-6666 (Transport Emergencies)

**Mailing Address:** Esteam Manufacturing Ltd.  
3750-19th Street NE Calgary, AB T2E 6V2



This information is complete to the best of our knowledge, however, users are encouraged to make their own investigations into the suitability of the information to their particular purposes. READ THE LABEL before using this or any product, and take any necessary precautions, dictated by the label or by common sense to ensure that your health is protected.

# SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

N/D=Not Determined  
N/A=Not Applicable

**Product:** RINSE

**Chem. Name:** N/A

**Chem. Family:** Mixture

**Manufacturer:** ESTEAM

**Trade Name:** Rinse

**Use:** Carpet rinsing solution

**Flammability:** 0

**Reactivity:** 0

**Health:** 1

**Protection:**

NFPA LEAST=0, SLIGHT=1, MODERATE=2, HIGH=3, EXTREME=4

## HAZARDOUS INGREDIENTS

Glycolic Acid

**CAS #**

79-14-1

**% WT**

.1-1

**HAZARD DATA**

LD50 4240 mg/kg (oral-rat)

**EXPOSURE LIMITS (TLV)**

N/A

## PHYSICAL DATA

**Physical State:** Liquid

**Odor/Appearance:** Blue, herbal scent

**Boiling Point (C):** 100

**Freezing Point (C):** 0

**Solubility in Water:** 100 %

**Ph (undiluted):** 3.7

**Evaporation Rate:** N/D

**Specific Gravity:** N/D

**Freeze/Thaw**

**Stable:** Yes

**Percent Volatile (vol):** 0

**Vapor Pressure:** N/D

## FIRE & EXPLOSION HAZARD

**Flammability:** N

**Means of Extinction:** N/A

**Special Procedures:** N/A

**Explosion Sensitivity to Impact:** N/A

**Chemical Sensitivity to Static Discharge:** N/A

**Flashpoint (C) & Method:** N/A

**Conditions:** N/A

**Hazardous Combustion Products:** N/A

**Upper Explosion Limit (% by vol):** N/A

**Lower Explosion Limit (% by vol):** N/A

**Auto-ignition:** N/A

**Rate of Burning:** N/A

**Explosive Power:** N/A

**TDG/WHMIS:** Non hazardous /  
Not regulated

## REACTIVITY DATA

**Chemical Stability:** Stable

**Hazardous Decomposition Product:** None known

**Incompatible Substances:** Strong alkalis

## TOXICOLOGICAL PROPERTIES

**Route of Entry - Skin Contact:** Y  
**Route of Entry - Skin Absorption:** Y  
**Route of Entry - Eye Contact:** Y  
**Route of Entry - Inhalation:** Y  
**Route of Entry - Ingestion:** Y

**Reproductive Effects Y/N:** N/D  
**Carcinogenicity Y/N:** N/D  
**Mutagenicity Y/N:** N/D  
**Teratogenicity Y/N:** N/D  
**TLV:** 5 ppm

**Effects of Overexposure:**

**Acute Effects:**

Product can cause severe eye burns. Contact may be irritating to the skin.

**Chronic Effects:**

Frequent or prolonged contact may cause skin irritation.

## PREVENTATIVE MEASURES

**Gloves:** N/A

**Eyes:** Goggles with side shield

**Footwear:** N/A

**Respirator:** N/A

**Clothing:** N/A

**Other:** N/A

**Recommended Engineered Controls:**

Use with adequate ventilation.

**Leak & Spill Procedures:**

Flush with water to a sanitary sewer.

**Waste Disposal Methods:**

According to federal, provincial and municipal regulations.

**Special Handling Procedures:**

Store in a cool, dry place. Keep closed when not in use.

## FIRST AID MEASURES

**Inhalation:** No special procedures.

**Ingestion:** Contact a physician.

**Eye Contact:** Immediately flush eyes with running water for at least 15 minutes. Contact a physician if irritation persists.

**Skin Contact:** Immediately flush skin for at least 15 minutes. Launder clothing before reuse. Contact a physician if irritation persists.

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