

# SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

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

**Product:** CLEAN PREP

**Chem. Name:** Mixture

**Chem. Family:** N/A

**Manufacturer:** ESTEAM

**Trade Name:** Clean Prep

**Use:** Carpet Prespray

**Flammability:** 0

**Reactivity:** 0

**Health:** 2

**Protection:**

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

## HAZARDOUS INGREDIENTS

2-Butoxyethanol  
Tetrasodium EDTA

**CAS #**  
111-76-2  
64-02-8

**% WT**  
1-10  
5-15

**HAZARD DATA**  
LD50 1746 mg/kg (oral-rat)  
LD50 3030 mg/kg (oral-rat)

**EXPOSURE LIMITS (TLV)**  
25 ppm TWA  
N/A

## PHYSICAL DATA

**Physical State:** Liquid

**Odor/ Appearance:** Clear, gold, lemon scent

**Boiling Point (C):** 99

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

**Solubility in Water:** 100%

**Ph (undiluted):** 8.8

**Evaporation Rate:** N/D

**Specific Gravity:** 1.067@15C

**Freeze/Thaw Stable:** Yes

**Percent Volatile (vol):** 10%

**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:** None

**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:** N/A

**Incompatible Substances:** N/A

## TOXICOLOGICAL PROPERTIES

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

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

### Effects of Overexposure:

#### Acute Effects:

Ingestion may cause irritation of the mucous membranes of the mouth and throat leading to nausea, abdominal pain, diarrhea and headache. Eye or skin contact may cause irritation.

#### Chronic Effects:

Prolonged or frequent contact may cause defatting of the skin resulting in dermatitis.

## PREVENTATIVE MEASURES

**Gloves:** N/A

**Eyes:** Safety goggles

**Footwear:** None

**Respirator:** N/A

**Clothing:** N/A

**Other:** N/A

### Recommended Engineered Controls:

Use with adequate ventilation.

### Leak & Spill Procedures:

Wipe up or soak up with absorbent material. Rinse spill area thoroughly with clean water.

### Waste Disposal Methods:

According to federal, provincial and municipal regulations.

### Special Handling Procedures:

For industrial and institutional use only. Store in a cool dry place.

## FIRST AID MEASURES

**Inhalation:** Move person to fresh air. If necessary give artificial respiration or oxygen. Call doctor if in distress.

**Ingestion:** Drink large quantities of water or milk and immediately call a physician or poison centre.

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

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

**Prep./Revised Date:** January 8, 2010

**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.