

# SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

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

**Product:** UPHOLSTERY CLEANER

**Manufacturer:** ESTEAM

**Flammability:** 0

**Chem. Name:** N/A

**Trade Name:** Upholstery Cleaner

**Reactivity:** 0

**Chem. Family:** Mixture

**Use:** Upholstery cleaning concentrate

**Health:** 2

**Protection:**

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

## HAZARDOUS INGREDIENTS

2-Butoxyethanol  
Aqua Ammonia  
Tetrasodium Salt of EDTA

**CAS #**  
111-76-2  
1336-21-5  
64-02-8

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

**HAZARD DATA**  
LD50 1746 mg/kg (oral-rat)  
LD50 350 mg/kg (oral-rat)  
LD50 3030 mg/kg (oral-rat)

## EXPOSURE LIMITS (TLV)

25 ppm TWA  
25 ppm  
N/A

## PHYSICAL DATA

**Physical State:** Liquid

**Odor/ Appearance:** Clear, ammonia odour

**Boiling Point (C):** 205 F

**Freezing Point (C):** 0

**Solubility in Water:** 100%

**Ph (undiluted):** 10.6

**Evaporation Rate:** N/D

**Specific Gravity:** 0.9990

## Freeze/Thaw

**Stable:** Yes

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

**Vapor Pressure:** N/D

## FIRE & EXPLOSION HAZARD

**Flammability:** N

**Means of Extinction:** Carbon dioxide, dry chemical

**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

**Incompatible Substances:** Strong oxidizing materials.

**Hazardous Decomposition Product:** CO, CO2, oxides of nitrogen, ammonia

## 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  
**Carcinogenicity Y/N:** N  
**Mutagenicity Y/N:** N  
**Teratogenicity Y/N:** N  
**TLV:** N/D

## Effects of Overexposure:

### Acute Effects:

May cause nausea, narcosis, blood effects and irritation to gastrointestinal tract and respiratory system if inhaled or ingested. Eye contact will cause irritation.

### Chronic Effects:

Prolonged skin contact may lead to defatting dermatitis.

## PREVENTATIVE MEASURES

**Gloves:** Impervious  
**Eyes:** Safety glasses

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

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

### Recommended Engineered Controls:

Mechanical ventilation is recommended.

### Leak & Spill Procedures:

Small quantities may be diluted with water and flushed to a sanitary sewer.

### Waste Disposal Methods:

According to federal, provincial and municipal regulations.

### Special Handling Procedures:

Store in a cool, dry place. Avoid skin and eye contact. Avoid breathing vapours.

## FIRST AID MEASURES

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

**Ingestion:** Drink large quantities of water or milk and immediately contact the nearest poison control centre or 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:** 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.