

# SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

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

**Product:** UPHOLSTERY DRYCLEANER

**Manufacturer:** ESTEAM

**Flammability:** 2

**Chem. Name:** N/A

**Trade Name:** Upholstery Drycleaner

**Reactivity:** 0

**Chem. Family:** Napthas

**Use:** Solvent upholstery cleaning product

**Health:** 2

**Protection:**

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

## HAZARDOUS INGREDIENTS

**CAS #**

**% WT**

**HAZARD DATA**

**EXPOSURE LIMITS (TLV)**

Isoparaffinic Naptha

64741-65-7

60-100

LD50 >8000 mg/kg (oral-rat)

N/A

## PHYSICAL DATA

**Physical State:** Liquid

**Boiling Point (C):** 171

**Solubility in Water:** Insoluble

**Evaporation Rate:** >0.1

**Freeze/Thaw**

**Stable:** Doesn't freeze

**Percent Volatile (vol):** N/D

**Odor/Appearance:** Clear, lemon odor

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

**Ph (undiluted):** N/A

**Specific Gravity:** 0.772

**Vapor Pressure:** >7mm/Hg@20C

## FIRE & EXPLOSION HAZARD

**Flammability:** Y

**Means of Extinction:** Dry chemical, CO2, water fog

**Special Procedures:** No water except as fog

**Explosion Sensitivity to Impact:** None

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

**Flashpoint (C) & Method:** 43 C (PM CC)

**Conditions:** In presence of open flames and sparks

**Hazardous Combustion Products:** CO, CO2

**Upper Explosion Limit (% by vol):** 6.0

**Lower Explosion Limit (% by vol):** 1.0

**Auto-ignition:** N/D

**Rate of Burning:** N/A

**Explosive Power:** N/A

**TDG/WHMIS:** Non hazardous / B2, D2A

## REACTIVITY DATA

**Chemical Stability:** Stable

**Hazardous Decomposition Product:** None

**Incompatible Substances:** Strong oxidizing materials

## TOXICOLOGICAL PROPERTIES

**Route of Entry - Skin Contact:** Y  
**Route of Entry - Skin Absorption:** N  
**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:** 400 ppm

**Effects of Overexposure:**

**Acute Effects:**

Irritating if inhaled (nausea, headache, dizziness, anesthesia). Causes eye irritation. Harmful if swallowed, may cause abdominal pain, nausea, vomiting, diarrhea and headache.

**Chronic Effects:**

Prolonged skin contact may cause irritation and burns, dermatitis.

## PREVENTATIVE MEASURES

**Gloves:** Impervious

**Footwear:** N/A

**Clothing:** N/A

**Eyes:** Chemical goggles

**Respirator:** NIOSH organic

**Other:** N/A

**Recommended Engineered Controls:**

Use with adequate ventilation.

**Leak & Spill Procedures:**

Eliminate ignition sources. Soak up with inert absorbent. Wash unrecoverable material to a sanitary sewer.

**Waste Disposal Methods:**

According to federal, provincial and municipal regulations.

**Special Handling Procedures:**

Keep in cool, well ventilated place. Avoid all ignition sources, splash filling, excessive heat, vapour inhalation.

## FIRST AID MEASURES

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

**Ingestion:** Do not induce vomiting. Have person drink a glass of water if conscious. Lean victim forward to prevent aspiration. Seek medical attention.

**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.