

# MATERIAL SAFETY DATA SHEET

## SECTION 1: PRODUCT IDENTIFICATION

Product Name: **RESISTOL STRIPPER**

Product Use: Wax remover

WHMIS Class: D2B, E

TDG Classification: Class 8

UN Number: UN3266, group II

T.D.G. Shipping Name: CORROSIVE LIQUID BASIC, INORGANIC, N.O.S. (potassium hydroxide).

**Manufactured by:**

**Chemotec (PM) Inc.**

8820 Place Ray Lawson

Anjou, Quebec, Canada H1J 1Z2

Telephone: (514) 729-6321; 1-800-729-6321

**Emergency Phone:** as above or call **CANUTEC** (613) 996-6666 in case of **chemical emergency only.**

## SECTION 2: HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>Wt %</u>	<u>TLV</u>	<u>LC<sub>50</sub></u>	<u>LD<sub>50</sub></u>
Potassium hydroxide	1310-58-3	0 – 1	2 mg/m <sup>3</sup>	n/a	273 mg/kg (oral, rat)
Ethanolamine	141-43-5	10-30	3 ppm	n/a	1720 mg/kg (oral, rat)
Dipropyleneglycol methyl ether	34590-94-8	1-5	100 ppm	3.35mg/L 7H, rat	>5000 mg/kg (oral, rat)
Benzyl alcohol	100-51-6	3-7	n/a	n/a	1230-3100 mg/kg (oral, rat); 2000 mg/kg (dermal, rabbit)

## SECTION 3: PHYSICAL DATA

Boiling Point (°C): 100  
Vapor Pressure (mm Hg): 20  
Vapor Density (Air = 1): 0.6 (water)  
Solubility in Water: Complete  
Physical State: Liquid  
Appearance and Odor: Yellow liquid, citrus scent.

Specific Gravity (H<sub>2</sub>O = 1): 1.0 at 20 °C  
% Volatile (Wt %): 90  
Evaporation Rate (nBuAc = 1): 0.4 (water)  
pH (as supplied): 12 - 13  
Viscosity: < 100 cps at 25 °C  
Odor Threshold (ppm): n/a

## SECTION 4: FIRE AND EXPLOSION DATA

Flammability: Not flammable, not combustible.

Flash Point (TCC, °C): > 93.3                      LEL: Not applicable                      UEL: Not applicable

Hazardous Combustion Products: Smoke, carbon oxides, nitrogen oxides.

Autoignition Temperature (°C): Not applicable.

Means of Extinction: Water, foam, dry chemicals, carbon dioxide.

Special Fire Hazards: A stream of water directed into the product generates a lot of foam.

## SECTION 5: REACTIVITY DATA

Conditions for Chemical Instability: This product is stable under normal conditions. It does not polymerize.

Incompatible Materials: Strong oxidizing agents, strong acids.

Reactivity and Under What Conditions: May evolve heat, violent reaction with acids. Flammable hydrogen gas may be produced on contact with aluminum, tin, lead, and zinc. Carbon monoxide gas may be produced on contact with reducing sugars.

Hazardous Decomposition Products: See under Reactivity, and Under What Conditions

## SECTION 6: TOXICOLOGICAL PROPERTIES

Route of Entry: Eyes, skin, ingestion, inhalation.

### **EFFECTS OF ACUTE EXPOSURE:**

Eye: Severe Irritation. Corrosive product; burns.

Skin: Corrosive. Severe irritation and burns on skin. May be absorbed through skin in harmful quantities.

Ingestion: Corrosive. Swallowing may cause severe burns of mouth, throat, and stomach. Severe scarring of tissue.

Inhalation: Breathing high concentration may cause headache, nausea, vomiting, dizziness, may cause irritation of superior respiratory tract.

## **EFFECTS OF CHRONIC EXPOSURE:**

Irritancy: Prolonged or repeated contacts with skin may cause irritation: skin dryness, redness, dermatitis.

Skin Sensitization: Not sensitizing.

Carcinogenicity: No ingredients are human carcinogenics.

Teratogenicity: No ingredients are teratogenic.

Mutagenicity: No ingredients are mutagenic

Synergistic Materials: None known.

## **SECTION 7: PREVENTATIVE MEASURES**

Gloves: Plastic or rubber gloves.

Eye Protection: Safety glasses with shields or goggles to manipulate large quantities.

Respiratory Protection: Not required, if adequate ventilation is available. Respirator NIOSH/MSHA approved if large spill and lack of ventilation.

Other Protective Equipment: Waterproof boots if large spill.

Engineering Controls: Shower and eye wash station if large quantities are manipulated. Provide adequate ventilation.

Leak and Spill Procedure: Wear personal protective equipment. Stop the leak. Pump the product into drums or clean up spills using absorbent material and place in container. Resume cleaning by rinsing with water.

Waste Disposal: Dispose according to existing federal, provincial and municipal regulations.

Storage Requirements: Keep in closed containers, in a well ventilated room. Keep from freezing.

## SECTION 8: FIRST AID

Eye: Immediately rinse with plenty of water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.

Skin: Rinse with water for at least 15 minutes. Remove soiled clothes and wash before wearing. Seek medical attention should an irritation develop.

Inhalation: Bring the person to fresh air. Seek medical attention if discomfort persists.

Ingestion: Give plenty of water or milk. Do not induce vomiting. Seek medical attention immediately.

## SECTION 9: PREPARATION INFORMATION

**Date:** 2011-09-19

**Prepared by:**

**Phone:** (514) 729-6321

Chemotec (PM) Inc.

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**Abbreviation:**

n/a: not available

**Disclaimer:**

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Center for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8276) or CSST in Montreal (514-873-3990).