

MATERIAL SAFETY DATA SHEET

CROMAC #2010

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT NAME: CROMAC #2010
PRODUCT USE: Water soluble coolant/stamping compound
CHEMICAL FAMILY: Petroleum Hydrocarbon/Chlorinated paraffin/
 Synthetic soap mixture
CHEMICAL FORMULA: Not available
CHEMICAL NAME: Not applicable (blend)
SUPPLIER & MANUFACTURER: CROMAC INC.
 80 Summerlea Road
 Brampton, Ontario L6T 4X3
EMERGENCY TELEPHONE: (905) 458-1999

SECTION 11 - HAZARDOUS INGREDIENTS

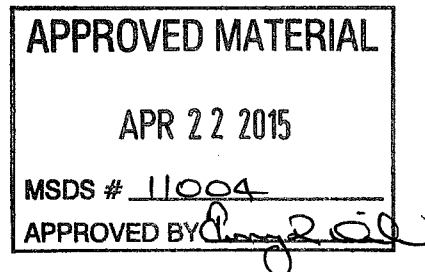
Identity	Concentration	CAS #	Additional Information
2,4-Dihydroxy-2-methylpentane	1-5 %	107-41-5	ORL-RAT LD50: 4000 mg/kg

This product contains no other hazardous ingredients.

SECTION 111 - PHYSICAL DATA

N.A - Not Applicable, N.D - Not Determined

PHYSICAL STATE:	Liquid	SPECIFIC GRAVITY:	1.00 @ 20°C
pH:	9.5-9.7	ODOR THRESHOLD:	N.A
VAPOUR PRESSURE:	N.A	VAPOUR DENSITY (air=1)	>1
EVAPORATION RATE(nBuAc=1)	<1	BOILING POINT:	>200° C
FREEZING POINT:	N.A		
ODOR & APPEARANCE:	Clear dark amber viscous liquid, mild petroleum odor		



SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY: No

IF YES, UNDER WHAT CONDITIONS?:

HAZARDOUS COMBUSTION PRODUCTS: Carbon Dioxide, Carbon Monoxide, Various Hydrocarbons, Hydrogen Chloride, ETC

FLASH POINT: >160°C (COC)

AUTOIGNITION TEMPERATURE: N.A

LOWER FLAMMABLE LIMIT (% by volume) N.A

UPPER FLAMMABLE LIMIT N.A

EXTINGUISHING MEDIA : Dry chemical, water fog, CO₂

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus when fighting fires.

SECTION V - REACTIVITY DATA

STABILITY: This product is stable under normal storage conditions.

CONDITIONS TO AVOID:

INCOMPATIBILITY: Yes

MATERIALS TO AVOID: Strong Mineral Acids, Strong Oxidizing Agents

CONDITIONS TO REACTIVITY: Direct Contact

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide, Hydrogen Chloride, various hydrocarbons, etc.

SECTION VI - TOXICOLOGICAL PROPERTIES

PRIMARY ROUTE (S) OF ENTRY:

Skin Contact Skin Absorption Eye Contact Inhalation Ingestion

EFFECTS OF ACUTE AND CHRONIC EXPOSURE TO PRODUCT:

Inhalation: Not encountered in normal use. No adverse effects are anticipated. Inhalation of mist may cause mild to moderate irritation to the respiratory tract

Eye Contact: May cause mild to moderate irritation

Skin Contact: Prolonged or repeated contact may cause mild irritation.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting, diarrhea. Large amounts may be harmful.

EXPOSURE LIMITS: N.A

IRRITANCY OF PRODUCT: Eyes

SENSITIZATION TO PRODUCT: Skin

TOXICOLOGICAL SYNERGISTIC PRODUCTS: N.A

CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: Not Available

SECTION VII - FIRST AID MEASURES

- Inhalation:** Remove individual to fresh air. For mist inhalation: If irritation occurs/persists, contact physician.
- Eyes:** Flush with large amounts of water, lifting upper and lower lids occasionally. If irritation occurs/persists, get medical attention
- Skin:** Wash exposed area with soap and water. Remove contaminated. Launder contaminated clothing before re-use.
- Ingestion:** DO NOT induce vomiting. Keep person warm and quiet, and get medical attention immediately

SECTION VIII - PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

- Respirator:** For operations where airborne mist involved, use NIOSH/OSHA approved mist/dust respirator
- Gloves:** Neoprene, rubber
- Eyes:** Safety glasses/splash goggles
- Clothing:** Normal work clothing covering arms and legs, rubber apron/boots if possibility of splashes

VENTILATION: General ventilation

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Stop spill at source. Prevent spreading. Prevent from entering sewers or water courses. Pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent or other absorbent material and shoveled into containers. Flush residue with large quantities of water. **CAUTION:** Residue on the floor may be slippery!

WASTE DISPOSAL METHOD: Dispose of in accordance with all local, provincial and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: Store at room temperature. Avoid excessive heat. Keep away from freezing. Containers of this material may be hazardous when emptied

SECTION IX - PREPARATION INFORMATION

PREPARED BY: CROMAC INC. **DATE:** April 10, 2015

SECTION X - REGULATORY INFORMATION

TDG CLASSIFICATION: Not Regulated
WHMIS CLASSIFICATION: D-2-B Other Toxic Effects (Eye Irritant)

The information contained herein is to the best of our knowledge and belief accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no responsibility for damages incurred through the use of this material. It is the responsibility of the user to comply with all Federal, Provincial and Local laws and regulations. Physical data reported herein is intended solely for use in evaluating the product with respect to WHMIS and does not constitute a product specification.