

MATERIAL SAFETY DATA SHEET**CROMAC # 2025****SECTION I - PRODUCT IDENTIFICATION AND USE**

PRODUCT NAME: Cromac # 2025
PRODUCT USE: Metalworking lubricant
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

APPROVED MATERIAL
 MAY 25
 MAR 05 2012

MSDS # 10715

APPROVED BY *[Signature]***SECTION II - HAZARDOUS INGREDIENTS**

Identity	Concentration	CAS #	Additional Information
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This product contains no other hazardous ingredients.

SECTION III - PHYSICAL DATA

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

PHYSICAL STATE:	Liquid	SPECIFIC GRAVITY:	1.12@ 20°C
pH:(5% solution in water)	8.8-9.0	ODOR THRESHOLD:	N.D.
VAPOUR PRESSURE:	N.D.	VAPOUR DENSITY (air=1)	>1
EVAPORATION RATE (water =1)	<1	BOILING POINT:	>200°C
FREEZING POINT:	N.A		
ODOR & APPEARANCE:	Clear, dark amber viscous liquid (oil), mild petroleum odor		

SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY: No
IF YES, UNDER WHAT CONDITIONS ?:

HAZARDOUS COMBUSTION PRODUCTS: oxides of carbon, various hydrocarbons, hydrogen chloride, etc.

FLASH POINT:	>160°C (COC)	AUTOIGNITION TEMPERATURE:	N.D.
LOWER FLAMMABLE LIMIT:	N.A.	UPPER FLAMMABLE LIMIT:	N.A

EXTINGUISHING MEDIA : Dry chemical, foam, 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: excessive heat

INCOMPATIBILITY: yes

MATERIALS TO AVOID: strong mineral acids, strong oxidizing agents

CONDITIONS OF REACTIVITY: direct contact

HAZARDOUS DECOMPOSITION PRODUCTS: (Under thermal decomposition): carbon dioxide and 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.D.

IRRITANCY OF PRODUCT: Eyes

SENSITIZATION TO PRODUCT: Skin

TOXICOLOGICAL SYNERGISTIC PRODUCTS: N.D.

LD50 & LC 50 OF PRODUCT (SPECIES & ROUTE): N.D.

CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: No adverse effects anticipated.

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: Remove contaminated clothing. Wash exposed area with soap and water. If irritation occurs, use mild skin lotion. If irritation persists, contact physician. 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 is 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. Keep containers tightly closed during transportation and storing. Avoid excessive heat. Keep from freezing.

SECTION IX - PREPARATION INFORMATION

PREPARED BY: CROMAC INC. DATE: February 8, 2012

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.