

(10792)

# MATERIAL SAFETY DATA SHEET

## CROMAC #2200

### SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT NAME: Cromac #2200  
 PRODUCT USE: Metalworking fluid  
 CHEMICAL FAMILY:  
 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**  
 APR 22 2014  
 MSDS # 10792  
 APPROVED BY *[Signature]*

### SECTION 11 - HAZARDOUS INGREDIENTS

Identity	Concentration	CAS #	Additional Information
Triethanolamine	1-5	102-71-6	Oral (LD50): Acute: >4000mg/kg [Rat] 5846 mg/kg [Mouse] Dermal (LD50): Acute: >2000mg/kg [Rabbit]

This product contains no other hazardous ingredients.

### SECTION 111 - PHYSICAL DATA

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

PHYSICAL STATE:	Liquid	SPECIFIC GRAVITY:	.987 @ 20°C
pH:	9.4	ODOR THRESHOLD:	N.A
VAPOUR PRESSURE:	N.A	VAPOUR DENSITY (air=1)	N.A
EVAPORATION RATE(nBuAc=1)	approx. 1	BOILING POINT:	> 100° C
FREEZING POINT:	N.A		
ODOR & APPEARANCE:	Hazy amber liquid, mild odor		

### SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY: No  
 IF YES, UNDER WHAT CONDITIONS?:  
 HAZARDOUS COMBUSTION PRODUCTS:

FLASH POINT: N.A  
 LOWER FLAMMABLE LIMIT (% by volume) N.A  
 EXTINGUISHING MEDIA : closed containers exposed to fire may be cooled by water  
 AUTOIGNITION TEMPERATURE: N.A  
 UPPER FLAMMABLE LIMIT N.A

SPECIAL FIREFIGHTING PROCEDURES: None

## SECTION V - REACTIVITY DATA

**STABILITY:** This product is stable under normal storage conditions.

**CONDITIONS TO AVOID:**

**INCOMPATIBILITY:**

**MATERIALS TO AVOID:** strong acids

**CONDITIONS TO REACTIVITY:** May react exothermically with strong acids, amines and reducing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Monoxide, Carbon Dioxide from burning; oxides of nitrogen; on burning or decomposition

## 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:**

May cause skin and eye irritation with prolonged or repeated contact. Inhalation of mist may cause slight chest discomfort

**EXPOSURE LIMITS:** N.A

**IRRITANCY OF PRODUCT:** N.A

**SENSITIZATION TO PRODUCT:** N.A

**TOXICOLOGICAL SYNERGISTIC PRODUCTS:** N.A

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

## SECTION VII - FIRST AID MEASURES

**Inhalation:** Remove victim to fresh air.

**Eyes:** Immediately flush with large quantities of water for at least 15 minutes and consult a physician.

**Skin:** Wash with soap and water.

**Ingestion:** Contact a physician immediately

**SECTION VIII - PREVENTATIVE MEASURES**

**PERSONAL PROTECTIVE EQUIPMENT:**

Respirator:

Gloves: Rubber or plastic, solvent resistant

Eyes: Chemical safety goggles if possibility of splashing

Clothing:

**VENTILATION:** local ventilation if necessary to maintain allowable limits.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Absorb with an inert material such as sand, soil or vermiculite. Sweep up and dispose of in accordance with federal, provincial and local regulations.

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

**PRECAUTIONS TO BE TAKEN IN HANDLING & STORING:** Store in normal indoor storage area in tightly closed containers away from strong acids or alkaline material. Avoid contact with skin, eyes and clothing. Do not swallow.

**SECTION IX - PREPARATION INFORMATION**

**PREPARED BY:** CROMAC INC.

**DATE:** April 7, 2014

**SECTION X - REGULATORY INFORMATION**

**TDG CLASSIFICATION:** Not regulated under TDG

**WHMIS CLASSIFICATION:** D-2-B

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.