

(10210)

MATERIAL SAFETY DATA SHEET

CROMAC #2210

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT NAME: Cromac #2210
PRODUCT USE: Metalworking fluid
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

JAN 11 2013

MSDS # 10210

APPROVED BY *[Signature]*

SECTION 11 - HAZARDOUS INGREDIENTS

Identity	Concentration	CAS #	Additional Information
Triethanolamine	1-5%	102-71-6	
Glycol Ether	1-5%	112-34-5	

This product contains no other hazardous ingredients.

SECTION 111 - PHYSICAL DATA

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

PHYSICAL STATE:	Liquid	SPECIFIC GRAVITY:	1.016 @ 20°C
pH: (5% sol'n)	9.4	ODOR THRESHOLD:	N.D.
VAPOUR PRESSURE:	N.D.	VAPOUR DENSITY (air=1)	N.D.
EVAPORATION RATE (water=1)	≈1	BOILING POINT:	approx. 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: Not Applicable
LOWER FLAMMABLE LIMIT (% by volume) N.A
EXTINGUISHING MEDIA: Closed containers exposed to fire may be cooled by water
SPECIAL FIREFIGHTING PROCEDURES: None.

AUTOIGNITION TEMPERATURE: N.A
UPPER FLAMMABLE LIMIT N.A

SECTION V - REACTIVITY DATA

STABILITY: This product is stable under normal storage conditions.
CONDITIONS TO AVOID:
INCOMPATIBILITY: yes
MATERIALS TO AVOID: strong acids
CONDITIONS OF REACTIVITY: May react exothermically with strong acids, amines and reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: carbon monoxide & carbon dioxide from burning; oxides of nitrogen; hydrochloric acid 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:
Gloves: rubber or plastic, solvent resistant
Eyes: chemical safety goggles if possibility of splashing

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 materials.

SECTION IX - PREPARATION INFORMATION

PREPARED BY: CROMAC INC.

DATE: November 1, 2012

SECTION X - REGULATORY INFORMATION

TDG CLASSIFICATION:

Not regulated

WHMIS CLASSIFICATION:

D-2-B

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