

(10209)

MATERIAL SAFETY DATA SHEET

CROMAC # 1000

SECTION I - PRODUCT IDENTIFICATION AND USE

PRODUCT NAME: CROMAC 1000
PRODUCT USE: Synthetic metalworking coolant
CHEMICAL FAMILY: not applicable (Blend)
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 # 10209

APPROVED BY *[Signature]*

SECTION II - HAZARDOUS INGREDIENTS

Identity	Concentration	CAS #	Additional Information
Triethanolamine	10 - 30 %	102-71-6	LD50 Oral (rat) - 8680 mg/kg

This product contains no other hazardous ingredients.

SECTION III - PHYSICAL DATA

PHYSICAL STATE:	Liquid	SPECIFIC GRAVITY:	1.05 @ 20°C
pH (concentrate)	10.8	pH (2% solution)	9.60
ODOR THRESHOLD:	not available	VAPOUR PRESSURE:	not available
VAPOUR DENSITY (air=1)	not available	EVAPORATION RATE(nBuAc=1) (water =1)	< 1
BOILING POINT:	100°C	FREEZING POINT:	not available
ODOR & APPEARANCE:	clear yellow odourless liquid		

SECTION IV - FIRE AND EXPLOSION DATA

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

FLASH POINT:	not applicable	AUTOIGNITION TEMPERATURE:	not applicable
LOWER FLAMMABLE LIMIT:	not applicable	UPPER FLAMMABLE LIMIT:	not applicable

SPECIAL FIREFIGHTING PROCEDURES: If material is exposed to the fire, oxides of nitrogen can be evolved. Use self-contained breathing apparatus and protective clothing.

SECTION V - REACTIVITY DATA

STABILITY: This product is stable under normal storage conditions.
INCOMPATIBILITY TO OTHER SUBSTANCES Yes
MATERIALS TO AVOID: strong acids and strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: (Thermal decomposition) Carbon Oxides, Nitrogen Oxides.

SECTION VI - TOXICOLOGICAL PROPERTIES

PRIMARY ROUTE (S) OF ENTRY:

Skin contact Skin Absorption Eye contact Ingestion

EFFECTS OF ACUTE AND CHRONIC EXPOSURE TO PRODUCT:

Skin absorption: May cause an allergic reaction
Eye Contact: Irritation
Skin Contact: Contact with concentrate may cause irritation
Ingestion: not available

EXPOSURE LIMITS: not available
SENSITIZATION TO PRODUCT:

IRRITANCY OF PRODUCT: eyes, possibly skin
TOXICOLOGICAL SYNERGISTIC PRODUCTS:

CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY:
Not applicable

SECTION VII - FIRST AID MEASURES

Eyes: Flush with water for at least 15 minutes. Obtain medical attention.
Skin: Wash with warm water. If allergic reaction occurs, use mild skin lotion.
Ingestion: Give 2 glasses of water and induce vomiting. Obtain medical attention.

SECTION VIII - PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

Respirator: not required
Gloves: rubber, neoprene
Eyes: safety glasses
Clothing: rubber apron if possibility of splashing

VENTILATION: general room ventilation

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Spills should be collected for re-use or for disposal. Residue should be flushed with large quantities of water.

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

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: Keep from freezing. Store in cool dry area.

SECTION IX - PREPARATION INFORMATION

PREPARED BY: CROMAC INC.

DATE: January 8, 2014

SECTION X - REGULATORY INFORMATION

TDG CLASSIFICATION: Not classified
WHMIS CLASSIFICATION: D2B

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