



SAFETY DATA SHEET

CROMA TAP # 2

CRO2

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT NAME: Croma Tap # 2
 PRODUCT USE: Metalworking lubricant
 CHEMICAL FAMILY: 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

SECTION 11 - HAZARDOUS INGREDIENTS

Identity	Concentration	CAS #	Additional Information
Trichloroethylene	15-40	79-01-6	ACGIH TLV (TWA) 50 ppm
Mixed Isopropanolamines	0.5-1.5	78-96-6 110-97-4 122-20-3	ORL-RAT LD50 = >6500 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:	1.1 @ 20°C
pH:	N.A	ODOR THRESHOLD:	N.D.
VAPOR PRESSURE:	N.D.	VAPOR DENSITY (air=1)	>1
EVAPORATION RATE (nBuAc=1)	N.D.	BOILING POINT:	initial = 71°C
ODOR & APPEARANCE:	Clear yellow liquid with chlorinated solvent odor.		

SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY: No.

IF YES, UNDER WHAT CONDITIONS?:

HAZARDOUS COMBUSTION PRODUCTS: CO, CO₂, nitrogen oxides, hydrogen chloride or traces of phosgene can be produced from decomposition or burning.

FLASH POINT: 135°C (T.O.C)
LOWER FLAMMABLE LIMIT (% by volume) N.D.

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

SECTION V - REACTIVITY DATA

STABILITY: This product is stable under normal storage conditions.
CONDITIONS TO AVOID: Open flames, hot glowing surfaces, electric areas.

INCOMPATIBILITY: Yes
MATERIALS TO AVOID: Sodium, potassium, barium. Avoid mixing with caustic soda, caustic potash or oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, nitrogen oxides, hydrogen chloride or traces of phosgene can be produced from decomposition or burning.

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: Vapors are irritating to the eyes, nose, throat and respiratory tract. May cause nervous system depression and cardiac arrhythmia.

Eye Contact: May cause irritation, redness and pain.

Skin Contact: Prolonged and repeated contact may lead to dermatitis. May be absorbed through intact skin causing central nervous system depression and cardiac arrhythmia

Ingestion: May cause irritation of the mouth and throat, abdominal pain and central nervous system depression and cardiac arrhythmia.

EXPOSURE LIMITS: N.D.

IRRITANCY OF PRODUCT: Eyes

SENSITIZATION TO PRODUCT: Skin

TOXICOLOGICAL SYNERGISTIC PRODUCTS:

LD50 & LC 50 Of Product (Species & Route): ORL-RAT LD 50 = > 2000 mg/kg, INH-RAT LC 50 = >20 g/m³, 14D

CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY:

Exposure to the trichloroethylene, which is one of the major ingredients of this product, has been associated with slight increases on certain types of cancer, including liver, bleary tact, and non-Hodgkin's lymphoma in some studies. However, other studies have not found and increased cancer incidence in groups exposed to trichloroethylene. Some studies with trichloroethylene in laboratory animals have produced cancer of the liver and/or lung, while others have not. Trichloroethylene is considered to be a probable human carcinogen by the International Agency for Research on Cancer (IARC) and is listed as a carcinogen by the National Toxicology Program (NTP)

SECTION VII - FIRST AID MEASURES

Inhalation: Remove to fresh air.
Eyes: Rinse thoroughly with water for 15 - 20 minutes. Get medical attention.
Skin: Remove contaminated clothing immediately and wash skin with soap and water. If contact area is large, get medical attention.
Ingestion: Get medical attention immediately.

SECTION VIII - PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

Respirator: A NIOSH/MSHA approved air purifying respirator equipped with organic vapor cartridges for working areas where vapor concentration is above 300 ppm
Gloves: Viton, rubber, neoprene
Eyes: Safety goggles
Clothing: Rubber apron if possibility of splashing

VENTILATION: Local exhaust ventilation required.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small leaks: mop up or soak up immediately. Remove to out of doors. Large spills: Evacuate areas. Contain liquid. Keep out of waterways.

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

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: Store in cool, well ventilated area. Do not expose containers to temperatures above 50°C. Keep away from heat, sparks and flames. Keep containers closed.

SECTION IX - PREPARATION INFORMATION

PREPARED BY: CROMAC INC.

DATE: February 19, 2015

SECTION X - REGULATORY INFORMATION

TDG CLASSIFICATION: THIS PRODUCT IS NOT CLASSIFIED AS DANGEROUS UNDER TRANSPORTATION OF DANGEROUS GOODS REGULATIONS.

WHMIS CLASSIFICATION: Class D, Division 2, Subdivision 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.