

CHEM INTERNATIONAL

MATERIAL SAFETY DATA SHEET

EMERGENCY #: CANUTEC (613) 996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: C.I. Blast
WHMIS CLASS: Not controlled
T.D.G. CLASSIFICATION: Not regulated
MATERIAL USE: Cleaner/degreaser

EFFECTIVE DATE: January 5, 2009

HAZARDOUS INGREDIENTS

INGREDIENTS	%	CAS #	LTV	LC50	LD50
Ethylene Glycol Monobutyl-Ether	3-7	111-76-2	25 ppm	Inhalation (Rat) 500 ppm	Oral (Rat) 530-1480 mg/kg
Sodium Metasilicate	1-5	6834-92-0			Oral (Mouse) 770 mg/kg
Trisodium Phosphate	1-5	10101-89-0			Oral (Rat) 7.44 g/kg
Sodium Xylene Sulphonate	1-5	1300-72-7			(Oral, Rat) 5000 mg/kg

PHYSICAL DATA

BOILING POINT(°C): 100
VAPOUR PRESSURE (mm Hg): N/AV
VAPOUR DENSITY (Air=1): N/AV
SOLUBILITY IN WATER: 100%
PHYSICAL STATE: Liquid
pH (as supplied): 13.4 straight 11.01% Sol.
APPEARANCE AND ODOUR: Pinkish Blue/ Glycol Ether odor

COEF. OF WATER/OIL DIST.:
SPECIFIC GRAVITY (H₂O=1): 1.085
PERCENT VOLATILE (by vol.):
EVAPORATION RATE (H₂O=1): N/AV
ODOUR THRESHOLD:
FREEZING POINT(°C): N/AV

FIRE AND EXPLOSION DATA

FLAMMABILITY: Non-Flammable
FLASH POINT (Deg C method): N/A **UEL:** N/A **LEL:** N/A
HAZARDOUS COMBUSTION PRODUCTS: May produce irritating aldehydes and ketones
MEANS OF EXTINCTION: Water fog, CO₂, Dry chemicals
SPECIAL FIRE HAZARDS: As for surrounding fire. Use protective clothing to prevent contact with skin and eyes.
AUTO IGNITION TEMP.:

REACTIVITY DATA

CONDITIONS FOR CHEMICAL INSTABILITY: Stable under normal conditions.
INCOMPATIBILITY: Oxidizing material, acid.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide and possible carbon monoxide
REACTIVITY: None.

FIRST AID

EYE: Flush with plenty of water for 15 minutes. If irritation persists, get medical attention.
SKIN: Flush with plenty of running water.
INHALATION: Remove to fresh air. Get medical attention immediately if respiratory irritation occurs.
INGESTION: Do not induce vomiting. Drink milk, egg whites, gelatin solution, or large quantities of water. Get immediate medical attention.

TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Eyes contact (), Skin contact (), Skin absorption (), Inhalation (), Ingestion ()

EFFECTS OF ACUTE EXPOSURE:

EYE: May cause severe irritation and possible burns.

SKIN: May cause irritation. Prolonged contact with concentrate may cause burns.

INHALATION: Inhalation of mist may cause irritation of respiratory tract.

INGESTION: Irritation of the mouth and esophagus, nausea, vomiting, abdominal pain, and diarrhea. Glycol ether has toxic effects on the red blood cells.

EFFECTS OF CHRONIC EXPOSURE:

SKIN: May irritate skin.

IRRITANCY: Eye irritant.

RESPIRATORY TRACT SENSITIZATION: Not specified.

CARCINOGENICITY: Not specified.

REPRODUCTIVE TOXIN: Not specified.

TERATOGENICITY: Not specified.

MUTAGENICITY: Not specified.

SYNERGISTIC MATERIALS: Not specified.

EXPOSURE LIMITS: Not specified.

PREVENTATIVE MEASURES

GLOVES: Rubber gloves

EYE PROTECTION: Safety glasses with side shield.

RESPIRATORY PROTECTION: Not normally necessary.

OTHER PROTECTIVE EQUIPMENT: Coveralls should be worn to minimize contact with skin and clothing.

LEAK AND SPILL PROCEDURE: Flush with water and mop up. Large spills should be neutralized with dilute acid like hydrochloric or sulfuric acid.

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

STORAGE REQUIREMENTS: Store in ventilated area, above freezing temperature away from incompatibles. Keep container closed when not in use.

N/AP= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · N/AV=NOT AVAILABLE
<=LESS THAN - >=MORE THAN

HMIS HAZARD RATING INFORMATION

FIRE	REACTIVITY	HEALTH	PERSONAL PROTECTION
------	------------	--------	---------------------

0 – Minimal, 1- Slight, 2 – Moderate, 3 – Serious, 4 – Extreme.

DISCLAIMER: Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases, data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that the user of this material has been fully trained according to the mandatory requirements of WHIMIS. No warranty, expressed or implied is made, and supplier will not be liable for any losses, injuries, or consequential damage that may result from the use or reliance on any information contained in this form.

CHEM INTERNATIONAL

18043 – 107 Avenue
Edmonton, Alberta
T5S 1K3
1-800-665-7287