

**MATERIAL SAFETY DATA SHEET****INDUSTRIAL DEGREASER - IDX -20****I. PRODUCT INFORMATION**

**MANUFACTURER:** Chemac Industries Inc., 12-100 Kalamalka Lk. Rd., Vernon BC V1T 9G1  
Telephone: 800-663-4848 Fax: 250- 558-3065  
IN CASE OF CHEMICAL EMERGENCY CALL 1-613-996-6666

**TRADE NAME:** IDX-20 INDUSTRIAL DEGREASER **PRODUCT USE:** DEGREASING HARD SURFACES  
**PRODUCT CODE:** 90111 **WHMIS CODE:** Class E - Corrosive Material

**II. HAZARDOUS INGREDIENTS**

INGREDIENT	%	CAS #	LD50/LC50
Sodium hydroxide	2-4	1310-73-2	
Sodium Metasilicate	2-4	6834-92-0	
Ethylene Glycol Mono-Butyl ether	5-7	111-76-2	

**III. PHYSICAL DATA**

<b>STATE:</b>	Liquid	<b>ODOR THRESHOLD:</b>	N/AV
<b>VAPOR PRESS&amp;DENS:</b>	N/AV	<b>EVAP RATE:</b>	N/AV
<b>COLOR &amp; APPEARANCE:</b>	Blue liquid with butyl odour	<b>FREEZING PT:</b>	-4 deg C
<b>BOILING PT:</b>	98 deg C	<b>SPEC. GRAV:</b>	1.04
<b>PH:</b>	13-14		
<b>COEFF. WATER/OIL DIST:</b>	N/AV		

**IV. FIRE AND EXPLOSION DATA**

**FLAMMABILITY:** No  
**MEANS OF EXTINCTION:** Use water spray, dry chemical, co2, or alcohol foam.  
**FLASH POINT (DEG C):** N/AV **FLAMMABILITY LIMITS:** N/AV  
**AUTO IGNITION TEMP:** NOT KNOWN **EXPLOSION DATA:** N/AV  
**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide and carbon dioxide  
**SENSITIVITY TO STATIC DISCHARGE:** N/AV

**V. REACTIVITY DATA**

**CHEMICAL STABILITY:** Yes.  
**INCOMPATIBILITY WITH OTHER SUBSTANCES:** N/AV  
**REACTIVITY:** Avoid prolonged contact with aluminum. Exposure to flames, acids, and strong oxidizing materials.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** N/AV.

**VI. TOXICOLOGICAL PROPERTIES**

**ROUTE OF ENTRY:** SKIN CONTACT EYE CONTACT INGESTION INHALATION  
**EFFECTS OF ACUTE EXPOSURE:** Vapours will irritate eyes, nose and throat. Ingestion: Headaches, nausea, stomach cramps and/or diarrhea.  
**EFFECTS OF CHRONIC EXPOSURE:** Prolonged contact with eyes could lead to cornea damage or burns. Inhalation of high concentrations may lead to unconsciousness. Ingestion of chronic quantities could lead to unconsciousness.  
**EXPOSURE LIMITS:** N/AV **IRRITANCY:** N/AV  
**SENSITIZATION:** N/AV **REPRODUCTIVE TOXICITY:** N/AP  
**SYNERGISTIC PRODUCTS:** N/AV  
NOT KNOWN TO BE CARCINOGENIC, TERATOGENIC, OR MUTAGENIC.

**VII. PREVENTIVE MEASURES**

**PERSONAL PROTECTIVE EQUIP:** Eye wash and safety shower nearby required. Use MSHA approved respirator specified for protection against spray mist and organic vapors in restricted and confined areas. Wear coverall chemical goggles to protect against splashes. Wear solvent resistant rubber gloves to protect hands.  
**ENGINEERING CONTROLS:** Handle in well ventilated area.  
**LEAK & SPILL PROCEDURE:** Use of protective equipment is recommended. Wipe or mop small spills and dispose. Large spills, contain with soil or absorbent material and dispose in accordance with local regulations.  
**WASTE DISPOSAL:** In accordance with local regulations.  
**HANDLING PROCEDURES & EQUIPMENT:** Normal  
**STORAGE REQUIREMENTS:** Store in cool, well-ventilated place.  
**SPECIAL SHIPPING INFO:** Keep containers tightly closed. Keep from Freezing.

**VIII. EMERGENCY FIRST AID MEASURES**

**SKIN:** Wash with plenty of water and soap. Remove contaminated clothing. If irritation persists, get medical attention.  
**EYES:** Flush eye with running water for 15 minutes, lifting upper and lower lids occasionally. Get medical attention.  
**INGESTION:** Do not induce vomiting. Drink plenty of water and get medical attention. Do not give anything by mouth to an unconscious or convulsing person.  
**INHALATION:** Very high concentrations will lead to nausea and unconsciousness. Remove to fresh air and seek medical attention.

Prepared by Chemac's R&D Department and updated on 01DEC2003.

THE INFORMATION PROVIDED HEREIN IS GIVEN IN GOOD FAITH AND IS LATEST AVAILABLE TO THE MANUFACTURER, BUT NO WARRANTY EXPRESSED OR IMPLIED IS MADE.