

MATERIAL SAFETY DATA SHEET

Product Name: CRATER ELIMINATOR

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer/Supplier: Endura Manufacturing Co. Ltd.
12425 - 149 Street
Edmonton, Alberta
T5L 2J6
(Ph: (780) 451-4242 Fax: (780) 452-5079)

24-Hour Emergency Number:... (613) 996-6666 (Canutec)

Product Name:..... CRATER ELIMINATOR

Item Number:..... UN 1263 CL 3 PG II

Chemical Family:..... Ester, Ketone, Glycol Ether

Material Use:..... Helps smooth out paint finish.

SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	C.A.S.	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES	TLV	% WT
n -butyl acetate	123-86-4	14 g/kg o-r	2000 ppm/4h i-r	150 ppm	15 – 30
ethyl 3-ethoxypropionate	763-69-9	5 g/kg o-r 10 ml/kg d-rbt	>1000 ppm/6h i-r	N/A	5 – 15
pm acetate	108-65-6	8.5 g/kg o-fr >5 g/kg d-rbt	N/A	N/A	5 – 15
acetone	67-64-1	>9.7 g/kg o-r >20 ml/kg d-rbt	>16000 ppm/4h i-r	500 ppm	5 – 15

legend: o=oral r=rat d=dermal i=inhalation rbt=rabbit fr=female rat p=intraperitoneal

See Sax, N.I. "Dangerous Properties of Industrial Materials" for more information

SECTION 03: HAZARDS IDENTIFICATION

Eye Contact:.... Moderately irritating to eyes and can cause tissue damage.

Skin Contact:.... Low toxicity by skin absorption, but extended contact can cause irritation and dermatitis.

Inhalation:..... Vapors are of low to moderate toxicity when inhaled and are irritating to nose, throat and other respiratory passages, especially in higher concentrations. Extended exposure can cause headaches, dizziness, nausea or even loss of muscular control and coordination, narcosis or unconsciousness.

Ingestion:..... Liquid is of low to moderate toxicity when ingested, but can be hazardous if aspirated into lungs during swallowing or vomiting.

Additional Information:..... Chronic hazards include narcosis, specific organ damage, permanent brain and nervous system damage or coma if extensively abused.

SECTION 04: FIRST AID MEASURES

Inhalation (acute):..... Remove to fresh air and if necessary restore breathing by giving artificial respiration. Administer oxygen if victim is breathing with difficulty. GET IMMEDIATE MEDICAL HELP.

Ingestion:..... DO NOT INDUCE VOMITING. Seek medical help. Give 1 or 2 glasses water or milk, BUT ONLY IF VICTIM IS CONSCIOUS.

Eye Contact:..... Flush eyes IMMEDIATELY with water for 15 minutes and get immediate medical help.

Skin Contact:..... Wash with soap and water. Clean contaminated clothing before reuse.

Notes to Physician:..... Treatment is symptomatic. There is no specific antidote. See list of ingredients.

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SECTION 05: FIRE FIGHTING MEASURES

Flash Point (°C), (TCC):.....	-18
Auto Ignition Temperature (°C):	N/A
Upper Explosive Limit (% Vol):...	N/A
Lower Explosive Limit (% Vol):.....	1.05
Extinguishing Media:.....	CO ₂ , dry chemical, foam. Avoid using water except as a fog.
Hazardous Combustion Products:.....	CO, CO ₂
Sensitivity To Mechanical Impact:.....	None
Sensitivity To Static Discharge:.....	Can ignite vapors.
Special Fire Fighting Procedures:.....	Wear self-contained breathing apparatus and full protective clothing. Extreme heat may cause pressure build-up in containers and possibly explosion, therefore use water to keep containers cool.
Conditions of Flammability:.....	Vapors from this product may travel or be moved by air currents and be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharges or other ignition sources at locations distant from the point of handling.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak / Spill and Clean up:.....	Remove all sources of ignition. The product should be contained and absorbed with inert materials and placed into a container. Do not seal the containers until any gas, which might form, has done so.
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SECTION 07: HANDLING AND STORAGE

Handling Procedures:.....	Avoid static charges, sparks, flames and excessive heat. Keep containers tightly closed and upright when not in use. Do not allow contact with skin or eyes, and don't breathe vapors. Transfer equipment should be properly grounded. Electrical and mechanical equipment should be explosion-proof.
Storage Needs:.....	Store in a cool, dry place away from oxidizing agents and sources of ignition.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**PROTECTIVE EQUIPMENT**

Eye/Type:.....	Personnel should wear liquid chemical goggles or a full-face shield.
Respiratory/Type:.....	Personnel should wear a suitable air supplied respirator.
Gloves/Clothing/Footwear/Type:	Personnel should wear chemical-resistant clothing, gloves and footwear.
Other/Type:.....	A safety shower and eye wash facility should be available.
Ventilation Requirements.....	Adequate ventilation must be assured to prevent the accumulation of dangerous amounts of vapor or mist.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Physical State (appearance):...	Clear, colourless liquid
Odor:.....	Solvent like
Density (g/ml):.....	0.940
Odor Threshold (ppm):.....	N/A
Vapor Pressure (@20°C):.....	180 mm Hg
Vapor Density (Air=1):.....	Heavier than air
Evaporation Rate:.....	5.7
Boiling Point (°C):.....	57
pH:.....	N/A
Solubility in Water (% W/W):...	N/A
Coefficient of Water/Oil Distribution:	N/A
Freezing Point (°C):.....	N/A
Melting Point (°C):.....	N/A
VOC:.....	468 g/l or 3.90 lbs/gal



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SECTION 10: STABILITY AND REACTIVITY

Incompatibility:.....
Reactivity Conditions:..... Will react with oxidizing materials.
Hazardous Products of
Decomposition:.....

SECTION 11: REGULATORY INFORMATION

WHMIS Classification:..... B-2, D-2B

SECTION 12: DISPOSAL CONSIDERATIONS

Waste Disposal:..... Dispose of waste according to local, provincial and federal regulations. Utilize authorized centers for disposal of combustible chemical material.

SECTION 13: TRANSPORT INFORMATION

T.D.G. Classification:..... Shipping name: Paint related material. UN 1263, CI 3, PG II.

SECTION 14: OTHER INFORMATION

Note:.....
Prepared By:..... Technical Department
Revision Date:..... August 13, 2009