

PREPARED: 01/01/07

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EMERGENCY PHONE:

CHEMTREC- 800-424-9300 OR 703-527-3887

MATERIAL SAFETY DATA SHEET

Blade & Bit™

THIS DOCUMENT IS PREPARED PURSUANT TO THE
OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).**Flammable liquids, Corrosive, n.o.s. (contains Isopropanol and potassium hydroxide)****UN# 2924, PKG III, Class 3, Sub Class 8****WHMIS: CLASS(ES): B, E HTSC: 3405.90.00****NFPA (HMIS) Codes = H-3, F-2, R-0, S-Cor**

SECTION II

CHEMICAL NAMES	SARA Title III Section 313	ACGIH TVL/TWA	OSHA PEL	% By Volume
Glycol Ether DB CAS#: 112-34-5	0	NE	NE	5-10
GLYCOL ETHER DPM CAS#: 34590-94-8	NA	100 ppm-skin	100 ppm-skin	5-10
ISOPROPANOL CAS#: 67-63-0	0	400 ppm	400 ppm	5-10
TALL OIL FATTY ACIDS CAS#: 61790-12-3	NA	ND	ND	5-10
POTASSIUM HYDROXIDE CAS#: 1310-58-3	0	2 mg/m ³	2 mg/m ³	5-10
ETHOXYLATED ALCOHOL CAS#: 66455-14-9	NA	ND	ND	5-10
SODIUM METASILICATE PENTAHYDRATE CAS#: 6834-92-0	0	ND	ND	0-1

SECTION III - PHYSICAL DATA

Boiling Point (jF)	212	Specific Gravity (H2O = 1)	1.02
Vapor Pressure (mm Hg.)	NA	% VOC's	19
Vapor Density (Air = 1)	NA	Evaporation Rate (water = 1)	~1
Solubility in Water	Complete	pH	12.5
Appearance and Color	Pale Yellow Liquid		

SECTION IV - FIRE AND EXPLOSION INFORMATION

Flash Point (Method Used-Closed Cup)	114°F	Flammable Limits	LEL - ND	UEL - ND
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EXTINGUISHING MEDIA: Carbon Dioxide, Foam, Dry Chemical or Water Spray.

SPECIAL FIRE FIGHTING PROCEDURES: Wear Positive-Pressure, Self-Contained Breathing Apparatus, and Full Protective Equipment.

UNUSUAL FIRE AND EXPLOSION HAZARDS: May cause a combustible environment in closed conditions due to the relative volatility of the components. Not expected to cause a combustible environment in open conditions.

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SECTION V - HEALTH HAZARD DATA

ROUTES OF EXPOSURE: FOR THE PRODUCT

EYES – Corrosive material – may cause moderate to severe (eye/skin) irritation, and in some instances chemical burns.

SKIN - Corrosive material – may cause moderate to severe (eye/skin) irritation, and in some instances chemical burns.

INHALATION - Single exposure to vapors is not likely to be hazardous under normal handling conditions.

INGESTION - Amounts ingested incidental to industrial handling are not likely to cause injury; however, ingestion of larger amounts may cause injury.

FIRST AID:

EYES - Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

SKIN - Immediately remove contaminated clothing and shoes and wash off in flowing water or shower.

INHALATION - Remove to fresh air. If not breathing, give artificial respiration. Call a Physician.

INGESTION - Never give anything by mouth to an unconscious person. If swallowed, **DO NOT INDUCE VOMITING** - Give large quantities of water. If vomiting occurs spontaneously, keep air way clear. Get medical attention immediately.

CARCINOGENICITY: This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as a possible human carcinogen.

SECTION VI - REACTIVITY DATA

STABILITY: (Conditions to Avoid) - Stable under normal storage conditions.

INCOMPATIBILITY: (Materials to Avoid) - Oxidizing Agents, Strong Acids.

HAZARDOUS DECOMPOSITION PRODUCTS: None Known.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Persons involved in cleaning up a spill should wear appropriate protective equipment. Stop spill at source, dike to prevent spreading, collect, (or) soak up residue with absorbent such as clay, sand, or suitable material (or) flush to sewer with large quantity of water if permitted in accordance with all Local, State, Provincial, and Federal Regulations.

SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED

VENTILATION REQUIREMENTS: Local ventilation is expected to be satisfactory where this product is stored and handled. General (mechanical) room ventilation may be used.

EYE: Avoid contact with eyes wear chemical goggles if there is a likelihood of contact with eyes.

SKIN: Avoid contact with skin and clothing. Wear chemical resistant gloves and protective clothing such as rubber gloves, rubber apron, and impervious boots.

SECTION IX - SPECIAL PRECAUTIONS OR OTHER COMMENTS

Keep the Container closed when not in use.

WASTE DISPOSAL METHOD: Disposal of inert material in a chemical landfill. Flush to sewer with large quantity of water if permitted by in accordance with all Local, State, Provincial, and Federal Regulations. Do not allow runoff into public waterways

ABBREVIATION KEY: NA - Not Applicable. NE - Not Established. ND - Not Determined

°Indicates hazardous ingredients, which are toxic chemicals subject to reporting requirements of Section 313 of SARA Title III.

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