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# MATERIAL SAFETY DATA SHEET

## H D STRIPPER

### SECTION 1 MATERIAL IDENTIFICATION

WHMIS CLASSIFICATION  
HMIS:

WHMIS CLASS A, B5, D-1A  
HEALTH 2, FLAMMABILITY 1, REACTIVITY 0,  
PERSONAL PROTECTION B

CHEMICAL FORMULA  
MOLECULAR WEIGHT  
MATERIAL USE

MIXTURE  
NOT APPLICABLE  
CLEANER

### SECTION 2 HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENT  
APPROX. CONCENTRATION %  
CAS  
EXPOSURE LIMITS  
LD50/LC50/SPECIES/ROUTE

2-BUTOXYETHANOL  
60-100  
111-76-2  
TWA: 50 CEIL: 150 (PPM) TWA: 240 CEIL 720 (MG/M<sup>3</sup>)  
ORAL (LD50): ACUTE: 470 MG/KG (RAT) DERMAL (LD50)  
ACUTE 220 MG/KG (RABBIT)

HAZARDOUS INGREDIENT  
APPROX. CONCENTRATION %  
CAS  
EXPOSURE LIMITS  
LD50/LC50/SPECIES/ROUTE

CHELATING AGENT  
1-10  
64-02-8  
NOT AVAILABLE  
NOT AVAILABLE

HAZARDOUS INGREDIENT  
APPROX. CONCENTRATION %  
CAS  
EXPOSURE LIMITS  
LD50/LC50/SPECIES/ROUTE

BUTANE  
20-30  
106-97-8  
TWA: 600 PPM  
NOT AVAILABLE

### SECTION 3 PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE  
ODOUR AND APPEARANCE  
ODOUR THRESHOLD (PPM)  
SPECIFIC GRAVITY  
VAPOUR PRESSURE (MM)  
VAPOUR DENSITY (AIR =1)  
EVAPORATION RATE  
BOILING POINT (°C)  
SOLUBILITY IN WATER (20°C)  
% VOLATILE (BY VOL.)  
PH

AEROSOL  
SOLVENT ODOUR, CLEAR LIQUID  
NOT AVAILABLE  
0.8  
NOT AVAILABLE  
NOT AVAILABLE  
SLOWER THAN ETHER  
NOT AVAILABLE  
NOT AVAILABLE  
NOT AVAILABLE  
12.75

**SECTION 4 FIRE AND EXPLOSION DATA**

FLAMMABILITY	FLAMMABLE
MEANS OF EXTINCTION	WATER FOG, CARBON DIOXIDE OR DRY CHEMICAL.
SPECIAL PROCEDURES	WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACE PIECE OPERATED IN THE POSITIVE PRESSURE MODE. USE WATER SPRAY TO KEEP CONTAINERS COOL.
FLASHPOINT (°C) AND METHOD	<0°F
UPPER EXPLOSION LIMIT (% BY VOL.)	8.5
LOWER EXPLOSION LIMIT (% BY VOL.)	1.9
HAZARDOUS COMBUSTION PRODUCTS	CARBON DIOXIDE, CARBON MONOXIDE

**SECTION 5 REACTIVITY DATA**

CHEMICAL STABILITY	STABLE
INCOMPATIBILITY? TO WHAT?	NONE KNOWN
HAZARDOUS DECOMPOSITION PRODUCTS	CARBON DIOXIDE, CARBON MONOXIDE

**SECTION 6 TOXICOLOGICAL PROPERTIES**

ROUTE OF ENTRY SKIN CONTACT	Y/N	Y
ROUTE OF ENTRY EYE CONTACT	Y/N	Y
ROUTE OF ENTRY INHALATION	Y/N	Y
ROUTE OF ENTRY INGESTION	Y/N	Y

EFFECTS OF ACUTE EXPOSURE SKIN IRRITANT. WILL CAUSE DEFATTING OF SKIN. EFFECTS ARE REVERSIBLE. EYE IRRITANT. WILL CAUSE REDNESS AND BURNING SENSATION. EFFECTS OF INHALATION OVEREXPOSURE INCLUDE RESPIRATORY TRACT IRRITATION, HEADACHE, DIZZINESS, NAUSEA AND LOSS OF COORDINATION. EXTREME OVEREXPOSURE MAY RESULT IN UNCONSCIOUSNESS AND POSSIBLE DEATH.

EFFECTS OF CHRONIC EXPOSURE NONE KNOWN  
SYNERGISTIC MATERIALS NOT AVAILABLE  
CARCINOGENICITY Y/N N  
REPRODUCTIVE EFFECTS Y/N N  
TERATOGENICITY Y/N N  
MUTAGENICITY Y/N N

**SECTION 7 PREVENTIVE MEASURES**

GLOVES	RUBBER
EYEWEAR	SPLASH PROOF CHEMICAL GOGGLES AND FACE SHIELD.
FOOTWEAR	AS REQUIRED BY EMPLOYMENT CODE.
CLOTHING	WEAR IMPERVIOUS PROTECTIVE CLOTHING.
ENGINEERING CONTROLS	NONE NORMALLY REQUIRED.
LEAK AND SPILL PROCEDURE	STOP SPILL AT SOURCE. PREVENT MATERIAL FROM ENTERING WATERWAYS. MAY BE ABSORBED WITH DIATOMACEOUS EARTH OR CLAY. COLLECT FOR RECOVERY OR DISPOSAL.
WASTE DISPOSAL	CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES.
STORAGE REQUIREMENTS	KEEP IN A COOL WELL-VENTILATED PLACE. KEEP AWAY FROM HEAT, SPARKS AND FLAME. DO NOT PUNCTURE, INCINERATE, STORE THE CONTAINER AT TEMPERATURES ABOVE 49°C (120°F) OR IN DIRECT SUNLIGHT.

**SECTION 8 FIRST AID MEASURES**

SKIN	THOROUGHLY WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
EYE	IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR AT LEAST 20 MINUTES,

INHALATION  
INGESTION

KEEPING EYELIDS OPEN. SEEK MEDICAL ATTENTION.  
REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.  
DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.

*VALIDATED BY YORK CHEMICAL TECHNOLOGIES INC ON 30/04/2010.*

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