



Heavy Duty Liquid Build-Up Remover

Material Safety Data Sheet

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. Black Swan Manufacturing Co. urges the customers receiving this Material Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents, and contractors of the information on the sheet.

| SECTION I - GENERAL INFORMATION | | | | |
|--|---------------------|--|------------|------------|
| Black Swan Manufacturing Co. 4540 W. Thomas Street Chicago, IL 60651-3318 Telephone No: 1-773-227-3700 Fax No: 1-773-227-3705 | | For chemical emergencies during transportation only call INFOTRAC 1-800-535-5053 24 hours per day - 7 days a week | | |
| Date Prepared 01/01/08 | | Trade Name HEAVY DUTY LIQUID BUILD-UP REMOVER | | |
| SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION | | | | |
| HAZARDOUS COMPONENTS | CAS# | APPROX% | ACGIH-TLV | OSHA-PEL |
| ETHOXYLATED ALKYLPHENOL | 9016-45-9 | 3-5% | N/A | N/A |
| VIALB BACTERIAL CULTURES (LARGELY WATER) | N/A GT 7732-18-5 | 90% | N/A N/A | N/A N/A |
| <p>*Title III Section 313 Supplier Notification: this product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency planning and community Right-to-Know Act of 1966 and of 40CFR372. This information must be included in all MSDSs that are copied and distributed for this material.</p> | | | | |

| SHIPPING INFORMATION NOT HAZARDOUS FOR SHIPPING PURPOSES. | | SPECIAL HAZARD DESIGNATIONS <table> <thead> <tr> <th></th> <th><u>HMS</u></th> <th><u>HAZARD RATING</u></th> </tr> </thead> <tbody> <tr> <td>HEALTH</td> <td>1</td> <td>0 - MINIMAL</td> </tr> <tr> <td>FLAMMABILITY</td> <td>0</td> <td>1- SLIGHT</td> </tr> <tr> <td>REACTIVITY</td> <td>0</td> <td>2- MODERATE</td> </tr> <tr> <td>PROTECTIVE EQUIPMENT ---</td> <td></td> <td>3- SERIOUS</td> </tr> <tr> <td></td> <td></td> <td>4- SEVERE</td> </tr> </tbody> </table> | | | <u>HMS</u> | <u>HAZARD RATING</u> | HEALTH | 1 | 0 - MINIMAL | FLAMMABILITY | 0 | 1- SLIGHT | REACTIVITY | 0 | 2- MODERATE | PROTECTIVE EQUIPMENT --- | | 3- SERIOUS | | | 4- SEVERE |
|--|---|---|------------|--|------------|----------------------|--------|---|-------------|--------------|---|-----------|------------|---|-------------|--------------------------|--|------------|--|--|-----------|
| | <u>HMS</u> | <u>HAZARD RATING</u> | | | | | | | | | | | | | | | | | | | |
| HEALTH | 1 | 0 - MINIMAL | | | | | | | | | | | | | | | | | | | |
| FLAMMABILITY | 0 | 1- SLIGHT | | | | | | | | | | | | | | | | | | | |
| REACTIVITY | 0 | 2- MODERATE | | | | | | | | | | | | | | | | | | | |
| PROTECTIVE EQUIPMENT --- | | 3- SERIOUS | | | | | | | | | | | | | | | | | | | |
| | | 4- SEVERE | | | | | | | | | | | | | | | | | | | |
| SECTION III - PHYSICAL DATA | | | | | | | | | | | | | | | | | | | | | |
| APPEARANCE GREEN LIQUID | ODOR PERFUMED | BOILING POINT 100 C | | | | | | | | | | | | | | | | | | | |
| SPECIFIC GRAVITY (H2O=1) APPROXIMATELY 1.0 | VAPOR PRESSURE (mm Hg.) EQUIVALENT TO WATER | VOLATILE BY VOLUME (%) N/A | | | | | | | | | | | | | | | | | | | |
| VAPOR DENSITY (AIR=1) EQUIVALENT TO WATER | EVAPORATION RATE (BUAC=1) N/A | SOLUBILITY IN WATER 99% | | | | | | | | | | | | | | | | | | | |
| SECTION IV - FIRE AND EXPLOSION HAZARD DATA | | | | | | | | | | | | | | | | | | | | | |
| FLASH POINT (METHOD USED) | FLAMMABLE LIMITS | LEL | UEL | | | | | | | | | | | | | | | | | | |
| N/A | (PERCENT BY VOLUME) | N/A | N/A | | | | | | | | | | | | | | | | | | |
| FIRE EXTINGUISHING MEDIA WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL POWDER. | | | | | | | | | | | | | | | | | | | | | |
| SPECIAL FIRE FIGHTING PROCEDURES USE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING WHEN FIGHTING FIRES. | | | | | | | | | | | | | | | | | | | | | |
| UNUSUAL FIRE AND EXPLOSION HAZARD NONE. | | | | | | | | | | | | | | | | | | | | | |
| SECTION V - HEALTH HAZARD DATA | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY ROUTES OR ENTRY _____Inhalation _____Skin contact <u> X </u> Eye contact _____Ingestion | | | | | | | | | | | | | | | | | | | | | |

EFFECT OF OVEREXPOSURE

INGESTION: INGESTION MAY RESULT IN ABDOMINAL PAIN, NAUSEA AND VOMITING.

EYES: THIS MATERIAL MAY CAUSE EYE IRRITATION.

SKIN: CONTACT MAY CAUSE IRRITATION.

INHALATION: MAY IRRITATE NASAL PASSAGES.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

MAY CAUSE INFECTION IF IN CONTACT WITH OPEN WOUNDS. DERMATITIS.

EMERGENCY AND FIRST AID PROCEDURES

SKIN: REMOVE CONTAMINATED CLOTHING AND FOOTWEAR. WASH MATERIAL OFF THE SKIN WITH SOAP AND WATER. WASH CLOTHING AND FOOTWEAR BEFORE REUSE.

EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES AND HAVE EYES EXAMINED AND TREATED BY MEDICAL PERSONNEL.

INGESTION: INDUCE VOMITING ONLY IF ADVISED BY PHYSICIAN OR POISON CONTROL CENTER.

SECTION VI - REACTIVITY

| STABILITY | UNSTABLE | | CONDITIONS TO AVOID |
|-----------|----------|---|---------------------|
| | STABLE | X | NONE |

INCOMPATIBILITY (MATERIALS TO AVOID)

OXIDIZING AGENTS. STRONG ACIDS OR ALKALI COMPOUNDS MAY INACTIVATE BIOLOGICAL CULTURES.

HAZARDOUS DECOMPOSITION PRODUCTS

NONE.

| HAZARDOUS POLYMERIZATION | MAY OCCUR | | CONDITIONS TO AVOID |
|--------------------------|----------------|---|---------------------|
| | WILL NOT OCCUR | X | NONE |

SECTION VII - SPILL OR LEAK PROCEDURES**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

WHERE POSSIBLE, FLUSH DOWN DRAIN TO WASTE TREATMENT SEWER; OTHERWISE ON SMALL SPILLS, USE CHEMICAL ABSORBENT AND SWEEP UP. FOR LARGE SPILLS, CONTAIN AND COLLECT FOR REUSE OR DISPOSAL.

WASTE DISPOSAL METHOD

DISPOSAL OF THIS PRODUCT OR ITS RESIDUES MUST BE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS.

SECTION VIII - SPECIAL PROTECTION INFORMATION**RESPIRATORY PROTECTION (Specify type)**

NONE REQUIRED FOR RECOMMENDED USE. AVOID CREATING AEROSOLS IN POORLY VENTILATED AREAS.

VENTILATION

NORMAL ROOM VENTILATION.

PROTECTIVE GLOVES

RUBBER GLOVES

EYE PROTECTION

SAFETY GLASSES OR GOGGLES

OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES

NONE.

SECTION IX - SPECIAL PRECAUTIONS**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

PREVENT SKIN AND EYE CONTACT. WASH HANDS THOROUGHLY WITH SOAP AND WATER AFTER USE.

AVOID CONTACT WITH EYES.

OTHER PRECAUTIONS

NONE

This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.

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