DYKEM COMPANY -- SPRAY REMOVER, SP-1138 -- 6850-01-158-9378

=====================  Product Identification  =====================

Product ID: SPRAY REMOVER, SP-1138
MSDS Date: 04/19/1987
FSC: 6850
NIIN: 01-158-9378
MSDS Number: BGPKL

=== Responsible Party ===
Company Name: DYKEM COMPANY
Address: 8501 DELPORT DRIVE
City: ST. LOUIS
State: MO
ZIP: 63114
Country: US
Info Phone Num: 314-423-0100
Emergency Phone Num: 314-423-0100
CAGE: EO153

=== Contractor Identification ===
Company Name: DYKEM COMPANY
Address: 8501 DELPORT DRIVE
City: ST. LOUIS
State: MO
ZIP: 63114-5905
Country: US
Phone: 314-423-0100
CAGE: EO153
Company Name: ITW DYKEM/DYMON
Address: 805 E OLD 56 HWY
Box: OLATHE
State: KS
ZIP: 66061
Country: US
Phone: 800-443-9536
CAGE: 98148

============  Composition/Information on Ingredients  =============

Ingred Name: ETHYL ALCOHOL (ETHANOL)/DENATURED ETHYL ALCOHOL. TOTAL PERCENTAGE OF INGREDIENTS 1 AND 2 = 60 - 70.
CAS: 64-17-5
RTECS #: KQ6300000
Fraction by Wt: SEE ING
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM; 9394

Ingred Name: N-BUTYL ACETATE (SARA III)
CAS: 123-86-4
RTECS #: AF7350000
Fraction by Wt: SEE # 1%
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 150 PPM
ACGIH TLV: 150 PPM/200STEL; 9394
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Ingred Name: PROPANE (TOTAL PERCENTAGE OF INGREDIENTS 3, 4 & 5 = 30 - 40.)
CAS: 74-98-6
RTECS #: TX2275000
Fraction by Wt: SEE ING
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: ASPHYXIANT; 9394

Ingred Name: ISOBUTANE
CAS: 75-28-5
RTECS #: TZ4300000
Fraction by Wt: SEE # 3%
Other REC Limits: NONE RECOMMENDED

Ingred Name: BUTANE
CAS: 106-97-8
RTECS #: EJ4200000
Fraction by Wt: SEE # 3%
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 800 PPM
ACGIH TLV: 800 PPM; 9394

Hazards Identification

Routes of Entry: Inhalation: YES  Skin: NO  Ingestion: NO
Reports of Carcinogenicity: NTP: NO  IARC: NO  OSHA: NO
Health Hazards Acute and Chronic: ACUTE & CHRONIC- INHALATION OF HIGH CONCENTRATION OF VAPORS MAY CAUSE HEADACHE, DIZZINESS & NAUSEA. EYE CONTACT CAUSES BURNING & IRRITATION. PROLONGED/REPEATED SKIN CONTACT MAY LEAD TO DRYING, IRRITATION & DERMATITIS. HARMFUL IF SWALLOWED. ASPIRATION HAZARD. TARGET ORGANS: LUNGS, EYES, SKIN, CNS. Effects of Overexposure: EYES, SKIN, RESPIRATORY TRACT IRRITATION, HEADACHE, DIZZINESS, NAUSEA, VOMITING, DRYING OF SKIN Medical Cond Aggravated by Exposure: PREEXISTING SKIN, EYE AND RESPIRATORY DISORDERS

First Aid Measures

First Aid: GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN: WASH WITH SOAP & WATER. EYE: FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. INHALED: REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL: CONTACT LOCAL POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY.

Fire Fighting Measures

Flash Point Method: TOC
Flash Point: FLAMMABLE AEROSOL
Lower Limits: 1.4
Upper Limits: 11.2
Extinguishing Media: CARBON DIOXIDE, FOAM OR DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS AWAY.
Fire Fighting Procedures: WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.
Unusual Fire/Explosion Hazard: VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGIINATION AND FLASH BACK. CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

Accidental Release Measures

Spill Release Procedures: REMOVE IGNITION SOURCES. PLACE LEAKING
CONTAINERS OUTDOORS, IN AN OPEN CONTAINER, AWAY FROM SOURCES OF IGNITION. ALLOW PRESSURE TO DISSIPATE. VENTILATE AREA. ABSORB LIQUID WITH NON-FLAMMABLE ABSORBENT MATERIALS AND PLACE IN CONTAINER FOR DISPOSAL.

Neutralizing Agent: NOT RELEVANT

Handling and Storage Precautions: STORE SPRAY CANS IN COOL, WELL VENTILATED AREAS AWAY FROM SOURCES OF IGNITION SUCH AS SPARKS, FLAMES, WELDING ARCS. DO NOT STORE ABOVE 120F.

Other Precautions: "EMPTY" CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. AVOID REPEATED OR PROLONGED SKIN CONTACT. DO NOT BREATHE VAPORS. KEEP OUT OF REACH OF CHILDREN.

Respiratory Protection: IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation: LOCAL EXHAUST NECESSARY UNDER SOME HANDLING OR USE CONDITIONS. MECHANICAL ACCEPTABLE UNDER NORMAL CONDITIONS.

Protective Gloves: NEOPRENE IF REPEATED CONTACT

Eye Protection: CHEMICAL SPLASH GOGGLES IF SPLASHING

Other Protective Equipment: EYE WASH STATION & SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.

Work Hygienic Practices: USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health
EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE. CONTAINS ISOBUTANE AND PROPANE. DO NOT USE IN CONFINED AREA OR AREA WITH LITTLE AIR MOVEMENT. EMPLOY MEANS TO PREVENT VAPOR BUILDUP.

Physical/Chemical Properties

HCC: V3
NRC/State Lic Num: NOT RELEVANT
Boiling Pt: B.P. Text: 165F, 74C
Melt/Freeze Pt: M.P/F.P Text: LIQUID
Vapor Pres: 43.2
Vapor Density: >1
Spec Gravity: 0.824
Viscosity: NOT KNOWN
Evaporation Rate & Reference: >1 (N-BUTYL ACETATE=1)
Solubility in Water: APPRECIABLE
Appearance and Odor: COLORLESS LIQUID, SWEET ODOR

Stability and Reactivity Data

Stability Indicator/Materials to Avoid: YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid: HIGH HEAT, OPEN FLAMES, DIRECT SUNLIGHT, TEMPERATURES ABOVE 120F
Hazardous Decomposition Products: CARBON MONOXIDE AND CARBON DIOXIDE

Disposal Considerations

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE SPRAY CANS. DISPOSE OF EMPTY CANS PROPERLY.

Disclaimer (provided with this information by the compiling agencies):