

GUARDSMAN PRODUCTS SBU, LILLY INDUSTRIES INC -- PENETRATING OIL, VV-P-216C --
9150-00-261-7899

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

Product ID: PENETRATING OIL, VV-P-216C

MSDS Date: 03/26/1998

FSC: 9150

NIIN: 00-261-7899

Status Code: A

MSDS Number: CKMNG

==== Responsible Party ====

Company Name: GUARDSMAN PRODUCTS SBU, LILLY INDUSTRIES INC

Address: 411 NORTH DARLING

City: FREMONT

State: MI

ZIP: 49412-1290

Coun

try: US

Info Phone Num: 616-924-3950

Emergency Phone Num: 616-924-3950

Resp. Party Other MSDS Num.: SP CODE: 1035, REVISION: C-2

Preparer's Name: J. TAYLOR

Chemtrec Ind/Phone: (800)424-9300

CAGE: 25705

==== Contractor Identification ====

Company Name: GUARDSMAN PRODUCTS SBU, LILLY INDUSTRIES INC

Address: 411 NORTH DARLING

Box: City: FREMONT

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

Ingred Name: SOLVENT NAPHTHA (PETRO
LEUM), MEDIUM ALIPHATIC

CAS: 64742-88-7

Minimum % Wt: 70.

Maximum % Wt: 80.

OSHA PEL: 100 PPM

ACGIH TLV: 100 PPM

Ingred Name: DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC

CAS: 64742-52-5

RTECS #: PY8035000

Minimum % Wt: 20.

Maximum % Wt: 30.

OSHA PEL: 5 MG/M3

ACGIH TLV: 5 MG/M3

Ingred Name: 2-BUTOXYETHANOL, SARA III

CAS: 111-76-2

RTECS #: KJ8575000

< Wt: 5.

OSHA PEL: 240 MG/M3; 50 PPM

re:NONE PROVIDED BY MFR.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: EYE CONTACT: MAY CAUSE IRRITATION. SKIN: MAY CAUSE IRRITATION. INHALATION: MAY CAUSE HEADACHE, NAUSEA FROM INHALING FUMES. INGESTION: NONE PROVIDED. CHRONIC: HEALTH STUDIES HAVE SHOWN THAT 2-BU TOXYETHANOL MAY CAUSE INCREASED FRAGILITY OF, AND A TRANSIENT DECREASE IN, RED BLOOD CELLS. PETROLEUM HYDROCARB

ONS POSE HUMAN HEALTH RISKS THAT MAY VARY FROM PERSON TO PERSON. INTENTIONAL MISUSE BY DE LIBERATE CONCENTRATION AND INHALATION MAY BE HARMFUL OR FATAL. AS A PRECAUTION, EXPOSURE TO LIQUIDS OR VAPORS SHOULD BE MINIMIZED.

Explanation of Carcinogenicity:NOT LISTED AS CARCINOGENIC BY NTP, IARC, ACGIH.

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION. INHALATION: HEADACHE, NAUSEA.

Medical Cond Aggravated by Exposure:NONE PROVIDED BY MFR.

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First

Aid Measures =====

First Aid:EYE CONTACT: FLUSH WITH RUNNING WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN TO EXPOSE SURFACE. CONTACT PHYSICIAN. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND SHOES. WASH WITH MILD SOAP AND WATER, AP PLY SKIN CREAM FOR IRRITATION. WASH CLOTHING BEFORE WEARING AGAIN. INHALATION: REMOVE TO FRESH AIR AT ONCE. APPLY ARTIFICIAL RESPIRATION IF NECESSARY., CONTACT PHYSICIAN IMMEDIATELY. INGESTION: DO NOT INDUCE VOMITING, CONTACT PHYSICIAN IMMEDIATELY.

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Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:=43.3C, 110.F

Autoignition Temp:Autoignition Temp Text:N/D

Lower Limits:0.9%

Upper Limits:6.0%

Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE.

Fire Fighting Procedures:USE SCBA. WATER IS NOT SUITABLE AS AN EXTINGUISHING MEDIA, BUT MAY BE USED TO COOL NEARBY CONTAINERS.

Unusual Fire/Explosion Hazard:PRESSURE MAY DEVELOP IN CLOSED CONTAINERS IF OVERH

EATED. "EMPTY" CONTAINERS BY CONTAIN FLAMMABLE RESIDUES OR VAPOR. DO NOT CUT, WELD OR DRILL.

===== Accidental Release Measures =====

Spill Release Procedures:REMOVE IGNITION SOURCES. DIKE AND TAKE UP WITH ABSORBENT MATERIAL, SUCH AS EARTH OR FLOOR DRY. ENSURE ADEQUATE VENTILATION.

Neutralizing Agent:NONE PROVIDED BY MFR.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP CONTAINERS CLOSED WHEN NOT IN

USE. DO NOT USE OR STORE NEAR OPEN FLAME OR STRONG OXIDIZERS.

Other Precautions:AVOID BREATHING VAPORS OR MISTS; PROLONGED OR REPEATED SKIN CONTACT.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED IN NORMAL USE, BUT AN EFFECTIVE, NIOSH/MSHA APPROVED RESPIRATOR SHOULD BE USED AT ANY TIME WHEN VAPOR CONCENTRATIONS EXCEED ESTABLISHED STANDARDS.

Ventilation:ADEQUATE TO MAINTAIN LEVEL BELOW ESTABLISHED STANDARDS. LOCAL

EXHAUST VENTILATION RECOMMENDED; RATE: > 60 FPM.

MECH.(GENERAL) : RECOMMENDED BUT NOT REQUIRED.

Protective Gloves:CHEMICAL RESISTANT.

Eye Protection:FACE SHIELD OR SAFETY GLASSES RECOMMENDED.

Other Protective Equipment:NONE REQUIRED IN NORMAL USE.

Work Hygienic Practices:BASIC GOOD HOUSE KEEPING. WASH HANDS BEFORE EATING OR SMOKING. SMOKE ONLY IN DESIGNATED AREAS.

Supplemental Safety and Health

NONE PROVIDED BY MFR.

===== Physical/Chemical Properties =====

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CC:F4

Boiling Pt:B.P. Text:305F TO 750 F

Melt/Freeze Pt:M.P/F.P Text:NONE PROVIDED BY MFR.

Decomp Temp:Decomp Text:NONE PROVIDED BY MFR.

Vapor Pres:3 (MM HG) @ 75 F

Vapor Density:4.8(AIR=1)

Spec Gravity:0.85

Viscosity:NONE PROVIDED BY MFR.

Evaporation Rate & Reference:NONE PROVIDED BY MFR.

Solubility in Water:NO

Appearance and Odor:STRAW YELLOW LIQUID, PETROLEUM ODOR.

Percent Volatiles by Volume:NOT DETERMIN

Corrosion Rate:NONE PROVIDED BY MFR

===== Stability and Reactivity Dat

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Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS LIKE CHLORINE OR CONCENTRATED OXYGEN.

Stability Condition to Avoid: HEAT, SPARKS, OPEN FLAME.

Hazardous Decomposition Products: SMOKE, FUMES, CARBON MONOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods: COMPLY WITH ALL APPLICABLE REGULATIONS.

===== MSDS Transport Information =====

Transport Information: DOT: THIS MATERIAL HAS BEEN CLASSIFI

ED AS A

COMBUSTIBLE LIQUID PER 49 CFR 173.150(F)(1). IN NON-BULK CONTAINERS

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