

GUARDSMAN PRODUCTS INC -- PENETRATING OIL,TYPE I,VV-P-216C -- 9150-00-261-7899

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Product Identification
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Product ID:PENETRATING OIL,TYPE I,VV-P-216C

MSDS Date:02/23/1990

FSC:9150

NIIN:00-261-7899

MSDS Number: BJPDC

=== Responsible Party ===

Company Name:GUARDSMAN PRODUCTS INC

Address:411 DARLING ST

City:FREMONT

State:MI

ZIP:49412-1290

Country:US

Info Phone Num:616-924-3950

Emergency Phon

e Num:616-924-3950

Preparer's Name:ANDREW B. WHITLOCK

CAGE:25705

=== Contractor Identification ===

Company Name:GUARDSMAN PRODUCTS SBU, LILLY INDUSTRIES INC

Address:411 NORTH DARLING

Box:City:FREMONT

State:MI

ZIP:49412-1290

Country:US

Phone:616-924-3950

CAGE:25705

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Composition/Information on Ingredients
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Ingred Name:NAPHTHA, MEDIUM ALIPHATIC

CAS:64742-88-7

Fraction by Wt: 70-80%

Other REC Limits:100 PPM

Ingred Name:HYDROTREATED HEAVY NAPHTHENIC DISTILLATE, PETROLEU

M
CAS:64742-52-5
RTECS #:PY8035000
Fraction by Wt: 20-30%
Other REC Limits:5 MG/M3

Ingred Name:2-BUTOXYETHANOL
CAS:111-76-2
RTECS #:KJ8575000
Fraction by Wt: <
Other REC Limits:NONE SPECIFIED
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9293

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-INGESTION:NOT EXPECTED TO CAUSE
ILL EF
FECTS. INHALATION:NO ADVERSE HEALTH EFFECTS
EXPECTED,HOWEVER,MINUTE AMOUNTS ASPIRATED INTO LUNGS MAY CAUSE
PULMONARY INJURY. EYE: IRRITATION. SKIN: NOT NORM ALLY EXPECTED TO
CAUSE ILL EFFECTS. CHRONIC-PROLONGED/ REPEATED SKIN CONTACT MAY
CAUSE IRRITATION,DERMATITIS.
Explanation of Carcinogenicity:THE COMPONENTS OF THIS PRODUCT HAVE NOT
SHOWN ANY EVIDENCE OF BEING CARCINOGENIC.
Effects of Overexposure:PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE
SKIN IRRITATION. EYE CONTAC
T MAY CAUSE EYE IRRITATION.
Medical Cond Aggravated by Exposure:PERSONS WITH A SKIN DISORDER SHOULD
AVOID PROLONGED CONTACT WHEN HANDLING OR USING THIS PRODUCT.

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First Aid Measures
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First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.
GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE TO
FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION.
EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MIN
UTES WHILE HOLDING
EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: GET IMMEDIATE
MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF
UNCONSCIOUS.

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Fire Fighting Measures
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Flash Point Method:TCC
Flash Point:110F,43C
Lower Limits:0.9%
Upper Limits:6.0%
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT

WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:RECOVER FREE PRODUCT, OR ABSORB WITH
DIATOMACEOUS EARTH OR OTHER INERT MATERIAL. STORE IN APPROPRIATE
CONTAINER FOR DISPOSAL. KEEP PRODUCT OUT OF SEWERS AND WATERCOURSES
BY DIKING OR IMP
OUNDING. MINIM IZE SKIN CONTACT AND BREATHING
VAPORS.

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

Handling and Storage Precautions:AVOID STORAGE NEAR OPEN FLAME OR OTHER
SOURCES OF IGNITION,AND STRONG OXIDANTS.KEEP CONTAINERS CLOSED.
Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE.DO NOT
PRESSURIZE,CUT, WELD OR EXPOSE TO HEAT,FLAME,STATIC ELECTRICITY, OR
OTHER SOURCES OF IGNITION;THEY MAY EXPLODE AND CAUSE INJURY.

===== Exposure Controls/Pers
onal Protection =====

Respiratory Protection:USE SUPPLIED-AIR RESPIRATORY PROTECTION IN
CONFINED OR ENCLOSED SPACES, IF NEEDED.
Ventilation:SUFFICIENT TO MAINTAIN ATMOSPHERE BELOW TLV LIMIT.
Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL
Eye Protection:USE CHEMICAL SAFETY GOGGLES
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. CHEMICALLY
RESISTANT BOOTS AND APRONS RECOMMENDED.
Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.
WASH S
KIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK
AREA.
Supplemental Safety and Health
WASH OR TAKE SHOWER IF GENERAL CONTACT OCCURS. REMOVE OIL-SOAKED
CLOTHING AND LAUNDRER BEFORE REUSE. DISCARD CONTAMINATED LEATHER
GLOVES AND SHOES. IF USED IN APPLICATIONS WHERE MIST MAY BE
GENERATED, OBSERVE A TWA/PEL OF 5 MG/M3 FOR MINERAL OIL MIST.

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

HCC:F4
Boiling Pt:B.P. Text:305
Vapor Pres:3 @ 75F
Vapor Density:

4.8
Spec Gravity:0.85
Solubility in Water:INSOLUBLE
Appearance and Odor:STRAW YELLOW LIQUID, PETROLEUM ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES
Hazardous Decomposition Products:FUMES,SMOKE., OXIDES OF CARBON,
NITRGEN AND SULFUR.

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

Waste Disposal Methods:D
ISOPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE
AND FEDERAL REGULATIONS.

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