

GUARDSMAN PRODUCTS INC -- MULTI-PURPOSE LUBRICANT(DRI-SLIDE), 889 -- 9150-00N020105

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Product Identification
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Product ID: MULTI-PURPOSE LUBRICANT(DRI-SLIDE), 889

MSDS Date: 03/21/1989

FSC: 9150

NIIN: 00N020105

MSDS Number: BLHSK

=== Responsible Party ===

Company Name: GUARDSMAN PRODUCTS INC

Address: 411 N DARLING

City: FREMONT

State: MI

ZIP: 49412

Country: US

Info Phone Num: 616-924-3950

Emergency Phone Num: 616-924-3950

Preparer's Name: ANDREW 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: ALIPHATIC PETROLEUM HYDROCARBON

CAS: 64742-88-7

Fraction by Wt: 75-85%

OSHA PEL: 500 PPM (MFR)

ACGIH TLV: 100 PPM (MFR)

Ingred Name: MOLYBDENUM SULFIDE; (MOS*2)

CAS: 1317-33-5

RTECS #: QA4697000

Fraction by Wt: 5-15%

OSHA PEL:10 MG/M3 (MO)
ACGIH TLV:10 MG/M3 (MO)

Ingred Name:GRAPHITE, NATURAL
CAS:7782-42-5
RTECS #:MD9659600
Fraction by Wt: 0-10%
Other REC Limits:5 MG/M3 (MFR)
OSHA PEL:15 MPPCF RDUST
ACGIH TLV:2 MG/M3 RDUST; 9293

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED HEAVY
NAPHTHENIC; (NAPHTHENIC OIL)
CAS:64742-52-5
RTECS #:PY8035000
Fraction by Wt: 5-15%
OSHA PEL:5 MG/M3 (MFR)
ACGIH TLV:5 MG/M3 (MFR)

Ingred Name:CORROSION INHIBITOR
CAS:85595-45-5
Fraction by Wt: 5-15%
OSHA PEL:5 MG/M3 (MFR)
ACGIH TLV:5 MG/M3 (MFR)

Ingred Name:ZINC DIALKYL DITHIOPHOSPHATE
CAS:26566-95-0
Fraction by Wt: <10%
OSHA PEL:5 MG/M3 (MFR)
ACGIH TLV:5 MG/M3 (MFR)

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===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE: DIZZINESS, HEADACHES FROM INHAL
OF MISTS OR VAP. MAY CAUSE EYE IRRITATION. PROLONGED OR REPEATED
SKIN CONTACT MAY CAUSE IRRITATION. CHRONIC: HEALTH STUDIES HAVE
SHOWN THAT MANY PETROLEUM HYDROCARBONS AND SYNTHETIC LUBRICANTS
POSE HUMAN HEALTH RISK WHICH MAY VARY FROM PERSON TO PERSON. AS
(SEE EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT.CAS NO. 64742-52-5 IS

LISTED AS AN IARC GROUP 1 CARCINOGEN BY THE RTECS.

Effects of Overexposure:HLTH HAZ:PREC, EXPOSURE TO LIQUIDS, VAPORS, MISTS, OR FUMES SHOULD BE MINIMIZED. ETHYL CORPORATION HAS REPORTED TO U.S. EPA THAT, IN PRELIMINARY TESTS, CERTAIN ZINC DIALKYDITHIOPHOSPHATES, WHEN APPLIE D TO SKIN OF MALE RABBITS OVER A PERIODOF TIME, ADVERSELY AFFECTED SPERMATOGENIC ACTIVITY.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid:EYE: FLUSH WITH RUNNING H2O FOR AT LEAST 15 MIN HOLDING LID OPEN TO EXPOSURE AS MUCH SURFACE AS POSSIBLE, CONSULT PHYS. SKIN: REMOVE CONTAMD CLTHG/SHOES. WASH EXPOSED AREA WITH MILD SOAP AND WATER, AP PLY SKIN CREAM FOR IRRITATION. INHAL:REMOVE TO FRESH AIR @ ONCE. APPLY ARTF RESP IF NECESSARY, CONTACT PHYS IMMED. INGEST: DO NOT INDUCE VOMIT, CONTACT PHYS IMMED.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:114F,46C

Lower Limits:0.9%

Upper Limits:6.0%

Extinguishing Media:FOAM, DRY CHEMICAL, CO2.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP. H2O IS NOT SUITABLE AS AN EXTINGUISHING MEDIA, BUT MAY BE USEFUL FOR COOLING NEARBY CONTAINERS.

Unusual Fire/Explosion Hazard:PRESSURE MAY DEVELOP IN CLOSED CONTAINERS IF EXPOSED TO EXCESSIVE HEAT.

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Accidental Release Measures
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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 SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT STORE OR HANDLE NEAR HEAT, SPARKS, FLAME, OR STRONG OXIDIZERS. ALWAYS MAINTAIN ADEQUATE VENTILATION.

Other Precautions:AVOID BREATHING VAPORS OR MISTS; PROLONGED OR

REPEATED SKIN CONTACT.

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Exposure Controls/Personal Protection
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Respiratory Protection:USE NIOSH/MSHA APPROVED SCBA OR APPROVED HYDROCARBON VAPOR RESPIRATOR WHENEVER EXPOSURE LEVELS EXCEED ESTABLISHED STANDARDS.

Ventilation:ADEQUATE TO MAINTAIN LEVEL BELOW ESTABLISHED STANDARDS.

Protective Gloves:CHEMICAL RESISTANT GLOVES.

Eye Protection:CHEM WORK GOG & FULL LENGTH FSHLD.

Other Protective Equipment:NONE REQUIRED IN NORMAL USE.

Work Hygienic Practices:BASIC GOOD HOUSEKEEPING.

Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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Physical/Chemical Properties
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HCC:F4

Boiling Pt:B.P. Text:300F,149C

Vapor Pres:3@75F

Vapor Density:4.8

Spec Gravity:0.85

Solubility in Water:NO

Appearance and Odor:BLACK SUSPENSION, PETROLEUM SOLVENT ODOR.

Percent Volatiles by Volume:85

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS LIKE CHLORINE OR CONCENTRATED O2.

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

Hazardous Decomposition Products:FUMES, SMOKE, CARBON MONOXIDE.

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Disposal Considerations
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Waste Disposal Methods:COMPLY WITH ALL STATE, FEDERAL, AND LOCAL REGULATIONS.

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