

GUARDSMAN PRODUCTS INC -- MULTI-PURPOSE LUBRICANT (DRI-SLIDE) -- 9150-00-933-4621
===== Product Identification =====

Product ID: MULTI-PURPOSE LUBRICANT (DRI-SLIDE)

MSDS Date: 03/21/1989

FSC: 9150

NIIN: 00-933-4621

MSDS Number: BMQJK

=== 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

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

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

Ingred Name: NAPHTHA, MEDIUM ALIPHATIC

CAS: 64742-88-7

Fraction by Wt: 60-70%

Other REC Limits: NONE SPECIFIED

OSHA PEL: 500 PPM

ACGIH TLV: 100 PPM

Ingred Name: MOLYBDENUM DISULFIDE

CAS: 1317-33-5

RTECS #:QA4697000
Fraction by Wt: 0-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:10 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:GRAPHITE, NATURAL
CAS:7782-42-5
RTECS #:MD9659600
Fraction by Wt: 0-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MPPCF RDUST
ACGIH TLV:2 MG/M3 RDUST; 9293

Ingred Name:SEVERLY HYDROTREATED HEAVY NAPHTHENIC DISTILLATE
CAS:64742-52-5
RTECS #:PY8035000
Fraction by Wt: 5-15%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3

Ingred Name:CORROSION INHIBITOR
Fra
ction by Wt: 0-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3

Ingred Name:DIALKYDITHIOPHOSPHATE
CAS:26566-95-0
Fraction by Wt: 0-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5MG/M3
ACGIH TLV:5MG/M3

Ingred Name:HYDROCARBON PROPELLANT
CAS:68476-86-8
Fraction by Wt: 15-25%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000PPM
ACGIH TLV:800 PPM

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

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

Reports

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

Health Hazards Acute and Chronic:CHRONIC HAZARDS: PETROLEUM

HYDROCARBONS AND SYNTHETIC LUBRICANTS MAY POSE HUMAN HEALTH RISK WHICH MAY VARY FROM PERSON TO PERSON. AS A PRECAUTION, EXPOSURE TO LIQUIDS, VAPORS, MISTS, OR FUMES SHOULD B E MINIMIZED. IT IS SUSPECTED THAT CERTAIN ZINC DIALKYL DITHIOPHOSPHATES MAY AFFECT SPERMATOGENIC ACTIVITY.

Effects of Overexposure:DIZZINESS, HEADACHES FROM INHALATION OF MISTS OR VAPORS. MAY CAUSE EYE IRRITATION. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION.

Medical Cond Aggravated by Exposure:NONE STATED BY THE MANUFACTURER.

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===== First Aid Measures =====

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. APPLY SKIN CREAM FOR IRRITATI ON. INHALATION: REMOVE TO FRESH AIR. APPLY ARTIFICIAL RE
SPIRATION IF NECESSARY. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

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===== Fire Fighting Measures =====

Extinguishing Media:CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:USE SELF-CONTAINING BREATHING APPARATUS. WATER IS NOT SUITABLE AS AN EXTINGUISHING MEDIA, BUT MAY BE USEFUL FOR COOLING NEARBY CONTAINERS.

Unusual Fire/Explosion Hazard:AEROSOL CONTAINERS MAY BURST WHEN EXPOSED TO TEMPERATURES IN EXCESS OF 120F.

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

Spill Release Procedures:REMOVE ALL POSSIBLE IGNITION SOURCES, CHECK AREA WITH GAS DETECTOR. MOVE LEAKING CANS OUTDOORS AND EMPTY INTO SUITABLE CONTAINER BY DEPRESSING VALVE BUTTON. SMALL LIQUID SPILLS MAY BE TAKEN UP WITH AD SORBENT MATERIAL, SUCH AS EARTH OR FLOOR DRY.

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

Handling and Storage Precautions:KEEP

CONTAINERS CAPPED 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 =====

Respiratory Protection:USE SCBA OR APPROVED HYDROCARBON VAPOR RESPIRATOR WHENEVER EXPOSURE LEVELS EXCEED ESTABLISHED STANDARDS.

Ventilation:USE VENTILATION AS REQUIRED TO CONTROL VAPO R/DUST

CONCENTRATIONS. LOCAL EXHAUST RATE >60FPM.

Protective Gloves:CHEMICAL RESISTANT.

Eye Protection:SAFETY GLASSES OR FACE SHIELD

Other Protective Equipment:NONE REQUIRED IN NORMAL USE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MIST. DO NOT INGEST. READ PRECA

UTIONS ON

LABEL BEFORE USE.

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

HCC:V3

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

Vapor Pres:3 @75F

Vapor Density:4.8 (AIR=)

Spec Gravity:0.85

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLACK SUSPENSION, PETROLEUM SOLVENT ODOR.

Percent Volatiles by Volume:85

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS LIKE CHLORINE OR CONCENTRATED OXYGEN.

Stabil

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

Hazardous Decomposition Products:FUMES, SMOKE, CARBON MONOXIDE.

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

Waste Disposal Methods:CONSULT YOUR LOCAL ENVIRONMENTAL OFFICER. COMPLY WITH ALL APPLICABLE REGULATIONS.

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