

HURON INDUSTRIES, INC. -- NEOLUBE NO.1, DRY FILM LUBRICANT -- 9150-00-926-8963
===== Product Identification =====

Product ID:NEOLUBE NO.1, DRY FILM LUBRICANT

MSDS Date:05/11/1994

FSC:9150

NIIN:00-926-8963

MSDS Number: BFWXK

=== Responsible Party ===

Company Name:HURON INDUSTRIES, INC.

Address:2301 16TH STREET

Box:104

City:PORT HURON

State:MI

ZIP:48060-0104

Country:US

Info Phone Num:313-984-4213

E

mergency Phone Num:313-984-4213

Preparer's Name:DEBRA SULLIVAN

CAGE:03432

=== Contractor Identification ===

Company Name:HURON INDUSTRIES INC

Address:2301 16TH ST

Box:610104

City:PORT HURON

State:MI

ZIP:48061-0104

Country:US

Phone:810-984-4213

CAGE:03432

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

Ingred Name:ISOPROPYL ALCOHOL (SARA 313) (NOTE: % TAKEN FROM PREVIOUS
MSDS. MFR DELETED %. THERE IS NO APPARENT FORMULA CHANGE.)

CAS:67-63-0

RTECS #:NT8050000

Fraction by

Wt: 94.0%
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9495

Ingred Name:GRAPHITE, NATURAL (NOTE: % TAKEN FROM PREVIOUS MSDS. MFR DELETED % FROM MSDS. THERE IS NO APPARENT FORMULA CHANGE.)

CAS:7782-42-5
RTECS #:MD9659600
Fraction by Wt: 3.00%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MPPCF RDUST
ACGIH TLV:2 MG/M3 RDUST; 9293

Ingred Name:VOLATILE ORGANIC CONTENT = 766 GM/L
RTECS #:9999999VO
Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:MAY BE POISONOUS IF INHALED OR ABSORBED THROUGH SKIN. VAPORS MAY CAUSE DIZZINESS OR SUFFOCATION. CONTACT MAY IRRITATE OR BURN SKIN & EYES. FIRE MAY PRODUCE IRRITATING OR POISONOUS GASES. RUNOFF FROM FIRE CONTROL OR DILUTION WATER MAY CAUSE POLLUTION.

Explanation of Carcinogenicity:MFR GAVE THE ABOVE LISTINGS ON THE MSDS BUT NO OTHER COMMENTS WERE RECORDED.

Effects of Overexposure:INH
ALATION:RESPIRATORY IRRITATION, DIZZINESS, NAUSEA, HEADACHE. INGESTION:G/I IRRITATION, NAUSEA, VOMITING, DIARRHEA. EYE:SEVERE IRRITATION, BURNING SENSATION, BLURED VISION. SKIN:PROLONGED &/OR REPEATED SKIN CONTACT; IRRITATION, DERMATITIS. MAY BE POISONOUS IF INHALED OR ABSORBED THROUGH SKIN.

Medical Cond Aggravated by Exposure:NONE KNOWN.

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===== First Aid Measures =====
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First Aid:IF IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL ATTENTION.

EYE:FLUSH W/WATER TO 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING & LAUNDRER BEFORE REUSE. INHALED:REMOVE FROM EXPOSURE. AI D OR RESTORE BREATHING AS NEEDED. INGESTED:KEEP INDIVIDUAL CALM & GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:=11.1C, 52.F

Lower Limits:2

Upper Limits:12

Extinguishing Media:SMALL FIRES:DRY CHEMICAL, CO2, WATER SPRAY, ALCOHOL FOAM. LARGE:WATER S PRAY/FOG, ALCOHOL FOAM.

Fire Fighting Procedures:USE SCBA. MOVE CONTAINER FROM FIRE IF W/O RISK. USE WATER TO COOL CONTAINERS. CONTAINER MAY EXPLODE FROM HEAT. FOR MASSIVE FIRE,FIGHT W/UNMANNED HOSE HOLDER.

Unusual Fire/Explosion Hazard:KEEP AWAY FROM SOURCES OF IGNITION. VAPORS ARE HEAVIER THAN AIR & CAN TRAVEL ALONG SURFACES TO IGNITION SOURCES & FLASH BACK. ISOLATE 1/2 MI FROM TANK OR TRUCK.

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

Spill Release Pr

cedures:ELIMINATE ALL SOURCES OF IGNITION. STOP LEAK IF W/O RISK. WATER SPRAY MAY REDUCE VAPORS, BUT NOT PREVENT FIRE. SMALL:TAKE UP W/SAND OR OTHER ABSORBENT MATERIAL & PLACE IN CONTAINERS FOR DISPOSAL. LARG E:DIKE AHEAD OF LIQUID SPILL FOR LATER DISPOSAL.

Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

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

Handling and Storage Precautions:AVOID PROLONGED INGALATION OF MISTS OR VAPORS.

Other Precautions:N ONE

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

Respiratory Protection:IF THE THV OF THE PRODUCT IS EXCEEDCED, A MECHANICAL OR SELF-CONTAINED BREATHING APPARATUS IS ADVISED.

Ventilation:PROVIDE SUFFICIENT LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:SOLVENT RESISTANT

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:NO SPECIAL EQUIPMENT IS DEEDMED NECESSARY UNDER NORMAL USEAGE.

Work Hygienic Practices:MFR:NON

E. HMIS:USE GOOD CHEMICAL HYGIENE PRACTICES. AVOID CONTACT IF AT ALL POSSIBLE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health
NONE

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

HCC:F2
NRC/State Lic Num:NONE
Vapor Pres:31.20
Spec Gravity:0.79
Solubility in Water:NIL
Appearance and Odor:GRAY FLUID, SHARP ODOR
Percent Volatiles by Volume:95

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

Stability Indicator/Materials to Avoid:YE
S
STRONG OXIDIZERS
Stability Condition to Avoid:NONE
Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:CONSULT WITH FEDERAL, STATE AND LOCAL WASTE REGULATIONS.

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