View NSN Online: https://aerobasegroup.com/nsn/9150-00-926-8963

HURON INDUSTRIES, INC. -- NEOLUBE NO.1, DRY FILM LUBRICANT (GRAPHITE IN

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MSDS Safety Information

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FSC: 9150

NIIN: 00-926-8963 MSDS Date: 02/11/2000 MSDS Num: CLLBP

Product ID: NEOLUBE NO.1, DRY FILM LUBRICANT (GRAPHITE IN ISOPROPANOL)

MFN: 01

Responsible Party Cage: 03432

Name: HURON INDUSTRIES, INC.

Address: 2301 1 6TH STREET

Box: 104

City: PORT HURON MI 48060-0104 Info Phone Number: 810-984-4213

Emergency Phone Number: 810-984-4213/800-255-3924(CHEM.TEL)

Item Description Information

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Item Manager: S9G

Item Name: GRAPHITE, COLLOIDAL Specification Number: UNKNOWN

Type/Grade/Class: NONE

Unit of Issue: CO

Quantitative Expression: 00000000002OZ

UI Container Qty: T

Type of Container: UNKNOWN

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Ingredients

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Name: \*\*\* PROPRIETARY \*\*\*

Health Hazards Data

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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: YES Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO OSHA: NO

Effects of Exposure: MAY BE POIS

## ONOUS IF INHALED OR ABSORBED THRU SKIN.REPETED

EXPOSURE TO HIGH VAPOR CONCENTRATIONS MAY CAUSE IRRITATION OF THE RESPIRATORY AND NERVOUS SYSTEM DAMAGE. INTETNTIOAL MISUSE BY DELIBERATELY CO NCENTRATING AND INHALING THE CONTENTS CAN BE HARMFUL OR FATAL.VAPORS MAY CAUSE DIZZINESS OR SUFFOCATION.CONTACT MAY IRRIT OR BURN SKIN/EYES.FIRE MAY PRODUCE IRRIT OR POISONOUS GASES.THIS PRODUCT CONTA INS GRAPHITE WHICH CAN ACCUMULATE IN LUNG TISSUES AFTER LONG TERM EXPOSURE TO DUST. DUST FROM SAN

**DING AND GRINDING** 

COATED SURFACES MAY BE HARMFUL.

Explanation Of Carcinogenicity: PER MSDS:CARCINOGENICITY:NTP/IARC/OSHA:NA.

Signs And Symptions Of Overexposure: INHAL:EXCESS INHAL VAP/MIST CAUSE NASAL/RESP IRRIT, DIZZ, NAU, HEAD. INGEST: CAN CAUSE GI IRRIT, NAU, VOMITING

,DIARR.EYE:CAUSE SEVERE IRRITATION,BURN SENS,BLURRED

VISION.SKIN:REPEATED/PROLONGED CONTACT CAUS E IRRITATION, DERMATITIES.MAY BE POISONOUS IF INHALED/ABSORB THRU SKIN.VAPOR CAUSES

DIZZINESS, SUFFOCATION. CONTACT IRRITATION/

BURN SKIN/EYE.MAY BE POISONOUS IF

CAN BE HARMFUL OR FATAL.

INHALED OR ABSORBED THRU SKIN.REPETED EXPO SURE TO HIGH VAPOR CONCENTRATIONS MAY CAUSE IRRITATION OF THE RESPIRATORY AND NERVOUS SYSTEM DAMAGE. INTETNTIOAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS

Medical Cond Aggravated By Exposure: NONE KNOWN.

First Aid: INHALATION REMOVE TO FRESH AIR.APPLY ARTIFICIAL RESPIRATIONAND OTHER SUPPORTIVE MEASURES AS REQUIRED. CONSULT A POISON CONTROL CENTER, EMERGENCY ROOM O

R LUNG SPECIALIST FOR ADDITIONAL INFORMATION. INGE STION DO NOT INDUCE VOMITING. EYE:FLUSH EYES IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 3 MIUTE. SKIN:FLUSH IMMEDIATELY WITH PLENTY OF WATER, FOLLOWED BY WASHING WITH SOAP AND WATER.

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Handling and Disposal

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Spill Release Procedures: SHUT OFF IGNITION SOURCES;NO FLARES/SMOKING/FLAME IN HAZARD AREA.STOP LEAK W/O RISK.WATERSPRAY

MAY REDUCE VAP: BUT MAY NOT PREVENT

IGNITION IN CLOSED SPACES.SMALL SPILL:TAKEUP W/SAND/OTHER NONCOMBUSTIB LE ABSORBENT MATERIAL.PLACE INTO CONTAINERS FOR LATER DISPOSAL.LAREG:DIKE AHEAD OF LIQUID SPILL FOR LATER DISPOSAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: CARE MUST BE TAKEN TO PREVENT ENVIRONMENTAL CONTAMINATION FROM THE USE OF THIS PRODUCT.CONSULT LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions: STORAGE TEMPERATURE, AMBI

**ENT. STORAGE** 

PRESSURE, ATMOSPHERIC. KEEP CONTAINERS CLOSED.LOOSEN CLOSURE CAUTIOSLY BEFORE

OPENING. STORE IN A COOL AND WELL VENTILATED PLACE AWAY FROM INCOMPATABILE MATERIALS. KEEP AWAY FROM HEAT, SPARKS AND FLAMES. PROTECT MATERIAL FROM DIRECT SUNLIGHT.

Other Precautions: EMPTY CONTAINERS MAY RETAIN HAZARDOUS PROPERTIES. FOLLOW ALL MSDS/LABEL WARNINGS EVEN AFTER CONTAINERS ARE EMPTIED.

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Fire and Explosion Hazard Information

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Flash Point Method: TCC Flash Point: =11.1C, 52.F

Autoignition Temp: =327.8C, 622.F

Lower Limits: 2.0 Upper Limits: 12.0

Extinguishing Media: SMALL FIRE:DRY CHEM,CO2,H2OSPRAY,ALCOHOL-RESISTANT

FOAM.LARGE FIRE:H2OSPRAY,FOG/ALCOHOL-RESISTANT FOAM.DONT USE DRY CHEMICALS

EXTINGUISHERS TO CONTROL FIRES INVOLVING NITROMETHANE

Fire Fighting Procedures: USE SELF-CONTAIN BREATH SUPPLY.MOVE CONTAINER FROM

FIRE AREA IF CAN W/O RISK.APPLY COOL H2O T

O SIDES OF CONTAINERS EXPOSED TO

FLAMES UNTIL WELL AFTER FIRE IS OUT.STAY AWAY FRM(SUPPL)

Unusual Fire/Explosion Hazard: FLAMM/COMBUST MATL.IGN BY HEAT/SPARK/FLAME.VAP TRAVEL TO IGN SOURCES,FLASHBK.CNTNR MAY EXPLO IN FIRE HEAT.VAP EXPLO HAZ INDR/OUTDR/SEWER.RUNOFF TO SEWER(SUPPLE)

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**Control Measures** 

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Respiratory Protection: IF TLV OF PRODUCT IS EXCEEDED A MECHANICAL OR SELF-CON

TAINED BREATHING APPARATUS IS ADVISED.

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

Protective Gloves: SOLVENT RESISTANT GLOVES,

Eye Protection: CHEMICAL SPLASH GOGGLES

Other Protective Equipment: NO SPECIAL EQMPT DEEMED NECESSARY UNDER NORMAL USAGE.

Work Hygienic Practices: NONE.

Supplemental Safety and Health: FIRE EXT: OR NITROETHANE. FIREFIGHT:TANKS ENDS.MASSIVE FIRE IN CARGO AREA USE UNMANNED HOSE HOLDER/MONITOR NOZZ;IF IMPOSSIBLE WITH

DRAW FROM AREA & DRAW; LET FIRE BURN. WITHDRAW IMMED IN CASE OF RISING SOUND FRM VENTING SAF DEVICE/ANY DISCOLORATION OF TANK DUE TO FIRE. FIRE/EXPLO:CREATE FIRE/EXPLO HAZ. \_\_\_\_\_ Physical/Chemical Properties \_\_\_\_\_ HCC: F2 Boiling Point: =35.C, 95.F Vapor Pres: 31.20 Vapor Density: HEAVIER Spec Gravity: 0.80 VOC Grams/Liter: 766 Evaporation Rate & Description R Solubility in Wat er: NIL Appearance and Odor: BLACK FLUID, SHARP ODOR Percent Volatiles by Volume: 98 WT \_\_\_\_\_ Reactivity Data -----Stability Indicator: YES Stability Condition To Avoid: PER MSDS:NONE. :KEEP AWAY FRM SPARK/OPN FLAMES/OTHER SOURCES OF IGNITION. Materials To Avoid: STRONG OXIDIZERS Hazardous Decomposition Products: CO, CO2. Hazardous Polymerization Indicator: NO Conditions To Avoid Polymerizatio n: NONE SPECIFIED BY MANUFACTURER. \_\_\_\_\_ **Toxicological Information** \_\_\_\_\_\_ **Ecological Information** \_\_\_\_\_ \_\_\_\_\_ **MSDS** Transport Information \_\_\_\_\_ Transport Information: PROPER SHIPPING NAME: IOSPR OPANOL, UN1219, HAZARD CLASS 3, PACKING GROUP II. \_\_\_\_\_ Regulatory Information \_\_\_\_\_ \_\_\_\_\_\_ Other Information \_\_\_\_\_\_ Transportation Information ------Responsible Party Cage: 03432 Trans ID NO

: 158718

Product ID: NEOLUBE NO.1, DRY FILM LUBRICANT (GRAPHITE IN ISOPROPANOL)

MSDS Prepared Date: 02/11/2000

Review Date: 09/05/2001

MFN: 1

Tech Entry NOS Shipping Nm: FLAMMABLE LIQUID

Multiple KIT Number: 0 Unit Of Issue: CO Container QTY: T

Type Of Container: UNKNOWN

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Detail DOT Information

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DOT PSN Code: HWY

DOT Proper Shipping Name: ISOPROPANOL OR ISOPROPYL ALCOHOL

Hazard Class: 3 UN ID Num: UN1219 DOT Packaging Group: II Label: FLAMMABLE LIQUID

Special Provision: T1
Packaging Exception: 150
Non Bulk Pack: 202

Bulk Pack: 242 Max Qty Pass: 5 L Max Qty Cargo: 60 L Vessel Stow Req: B

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Detail IMO Information

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IMO PSN Code: ITA

IMO Proper Shipping Name: ISOPROPANOL

IMDG Page Number: 3244

UN Number: 1219 UN Hazard Class: 3.2 IMO Packaging Group: II Subsidiary Risk Labe

l: -

EMS Number: 3-06

MED First Aid Guide NUM: 305

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Detail IATA Information

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IATA PSN Code: ONH IATA UN ID Num: 1219

IATA Proper Shipping Name: ISOPROPANOL

IATA UN Class: 3

IATA Label: FLAMMABLE LIQUID

**UN Packing Group: II** 

Packing Note Passenger: 305

Max Quant Pass: 5L Max Quant Cargo: 60L Packaging Note Cargo: 307

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**Detail AFI Infor** 

mation

AFI PSN Code: ONH

AFI Proper Shipping Name: ISOPROPANOL

AFI Hazard Class: 3
AFI UN ID NUM: UN1219
AFI Packing Group: II
Special Provisions: P5
Back Pack Reference: A7.3

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HAZCOM Label

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Product ID: NEOLUBE NO.1, DRY FILM LUBRICANT (GRAPHITE IN ISOPROPANOL)

Cage: 03432

Company Name: HURON INDUSTRIES INC

Street: 2301 16TH ST

PO

Box: 610104

City: PORT HURON MI Zipcode: 48061-0104

Health Emergency Phone: 810-984-4213/800-255-3924(CHEM.TEL)

Label Required IND: Y

Date Of Label Review: 09/05/2001

Status Code: A
Origination Code: F
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: DANGER

Respiratory Protection IND: YES

Health Hazard: Slight Contact Hazard: None Fire Hazard: Severe Reactivity Hazard: None

Hazard And Precautions: MAY BE POISONOUS IF INHALED OR ABSORBED THRU

SKIN.REPETED EXPOSURE TO HIGH VAPOR CON

CENTRATIONS MAY CAUSE IRRITATION OF

THE RESPIRATORY AND NERVOUS SYSTEM DAMAGE. INTETNTIOAL MISUSE BY DELIBERATELY CO NCENTRATING AND INHALING THE CONTENTS CAN BE HARMFUL OR FATAL. VAPORS MAY CAUSE DIZZINESS OR SUFFOCATION. CONTACT MAY IRRIT OR BURN SKIN/EYES. FIRE MAY PRODUCE IRRIT OR POISONOUS GASES. THIS PRODUCT CONTA INS GRAPHITE WHICH CAN ACCUMULATE IN LUNG TISSUES AFTER LONG TERM EXPOSURE TO DUST. DUST FROM SANDING AND GRINDING COATED SURFACES MAY BE HARMFUL.

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