

HURON INDUSTRIES, INC. -- NEOLUBE METAL CONDITIONER -- 9150-00-880-7153

===== Product Identification =====

Product ID:NEOLUBE METAL CONDITIONER

MSDS Date:06/07/1996

FSC:9150

NIIN:00-880-7153

MSDS Number: BXR BH

=== 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:810-984-4213

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

Preparer's Name:DEBRA SU

LLIVAN

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:PROPANE

CAS:74-98-6

RTECS #:TX2275000

Fraction by Wt: 15%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:ASPHYXIAN; 9495

Ingred Name:ISOBUTANE

CAS:75-28-5

RTECS #:TZ4300000

Fraction by Wt: 15%

Other RE

C Limits:NONE RECOMMENDED

Ingred Name:N-HEPTANE

CAS:142-82-5

RTECS #:MI7700000

Fraction by Wt: 45%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:500 PPM

ACGIH TLV:400 PPM/500STEL;9495

Ingred Name:ISOPROPYL ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 25%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9495

Ingred Name:VOLITILE ORGANIC CONTENT AS LISTED ON MSDS: 649 G/L.

RTECS #:9999999VC

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT RELEVANT

ACGI

H TLV:NOT RELEVANT

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, HEADACHE, DIZZINESS, NAUSEA,
VOMITING, DIARRHEA, TEARING, BURNING SENSATION IN EYES, DERMATITIS

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MA
Y BE

MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALATION:REMOVE TO
FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR
15 MINUTES, HOLDING EYELIDS OPEN. SEEK MEDICAL ATTENTION. SKIN:WASH
WITH S OAP & WATER. INGESTION:DO NOT INDUCE VOMITING. GET MEDICAL
ATTENTION PROMPTLY. KEEP INDIVIDUAL CALM.

===== Fire Fighting Measu

res =====

Lower Limits:1.1

Upper Limits:12.7

Extinguishing Media:CARBON DIOXIDE, FOAM, SAND/DRY CHEMICAL. AVOID SPREADING ANY BURNING LIQUID WITH WATER SPRAY. WATER MAY BE INEFFECTIVE.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:SPRAY CANS UNDER PRESSURE. CONTAINS FLAMMABLE GASES. EXPLOSION HAZARD EXISTS WHEN SPRAY CANS HEATED. DO NOT ENTER SPRAY CAN STORAGE AREA IF FIRE PRESENT.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA. REMOVE IGNITION SOURCES. LEAKING CONTAINERS CAN BE PLACED OUTDOORS. ALLOW PRESSURE TO DISSIPATE. ABSORB SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND AND PLACE IN CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent:NOT RELEVANT

===== Handling and Storage =====
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Handling and Storage Precautions:STORE SPRAY CANS IN COOL, WELL VENTILATED AREAS AWAY FROM SOURCES OF IGNITION, DIRECT SUNLIGHT AND INCOMPATIBLE MATERIALS. DO NOT STORE ABOVE 120F.

Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. AVOID REPEATED/PROLONGED SKIN CONTACT. KEEP OUT OF REACH OF CHILDREN. DO NOT SMOKE WHILE SPRAYING. AVOID BREATHING VAPORS OR MIST. DO NOT GET IN EYES.

===== Exposure Controls/Personal Protection =====
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Respiratory Protection:NONE NORMALLY NEEDED. IF WORKING IN CONFINED AREAS OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NEOPRENE/NITRILE

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH ST

ATION & SAFETY SHOWERS SHOULD BE
AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.
Work Hygienic Practices:USE ONLY AS DIRECTED ON LABEL. READ LABEL
BEFORE USING PRODUCT. AVOID EYE CONTACT. WASH HANDS BEFORE EATING.
Supplemental Safety and Health
FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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

HCC:V3
NRC/State Lic Num:NOT RELEVANT
Vapor Pres:50
Spec Gravity:0.66
Viscosity:NOT KNOWN
Solubility in Water:NIL
Appearance and Odor:BLACK FLUID, SOLVENT ODOR.
Percent Volatiles by Volume:99

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES, DIRECT SUNLIGHT,
TEMPERATURES ABOVE 120F, SPARKS, OTHER SOURCES OF IGNITION
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE
AND FEDERAL REGULATIONS. DO NOT PUNCTURE, INCINERATE SPRAY CANS.
DISPOSE OF EMPTY CANS IN TRASH PICK-UP. DO NOT PLACE IN HOME TRASH
COMPACTOR.

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