

PENGUIN INDUSTRIES INC -- HOPPE'S 9 LUBRICANT OIL -- 9150-00-609-0274

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

Product ID:HOPPE'S 9 LUBRICANT OIL

MSDS Date:01/01/1994

FSC:9150

NIIN:00-609-0274

MSDS Number: CCSTH

=== Responsible Party ===

Company Name:PENGUIN INDUSTRIES INC

Address:AIRPORT INDUSTRIAL MALL

City:COATESVILLE

State:PA

ZIP:19320

Country:US

Info Phone Num:610-384-6000

Emergency Phone Num:610-384

-6000

CAGE:6Y224

=== Contractor Identification ===

Company Name:PENGUIN INDUSTRIES INC

Address:AIRPORT INDUSTRIAL MALL

Box:City:COATESVILLE

State:PA

ZIP:19320

Country:US

Phone:215-384-6000

CAGE:6Y224

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

Ingred Name:MINERAL OIL; (WHITE MINERAL OIL)

CAS:8012-95-1

RTECS #:PY8030000

Fraction by Wt: 100%

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3 (MIST)

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

LD50 LC50 Mixture:

NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:ACUTE:INHALATION:NONE EXPECTED TO 25 MG/M3 OF AIR. EYES:MAY CAUSE MILD IRRITATION AND REDNESS.

SKIN:PRACTICALLY NON-TOXIC BY ABSORPTION. NO EFFECTS EXPECTED.

INGESTION:MAY CAUSE GASTRO-INTESTINAL IRRITATION. CHRONIC:MAY CAUSE DERMATITIS INSENSITIVE INDIVIDUALS.

Explanation of Carcinogenicity:NOT RELEVANT

Effects

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Condition Aggravated by Exposure:MAY CAUSE AN ALLERGIC REACTION IN SUSCEPTIBLE INDIVIDUALS.

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

First Aid:CALL MD. CONTACT A POISON CONTROL CENTER. EYES:FLUSH W/COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SKIN:WASH W/SOAP & WATER. INGEST:GIVE LARGE AMOUNTS OF MILK OR WATER. DO NOT GIVE ANYTHING TO A NON-CONSCIOUS PERSON. INHAL:REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

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

Flash Point Method:COC

Flash Point:425F,218C

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

Fire Fighting Procedures:USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:SLIGHT FIRE HAZARD WHEN EXPOSED TO HEAT, SPARKS & OPEN FLAME.

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

Spill Release Procedures:ASSURE SLIPPERY CONDITIONS ARE NULLIFIED.

CLEAN UP USING AN OIL ABSORBENT. PLACE IN PROPER CONTAINER. FLUSH AREA W/WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT HANDLE OR STORE NEAR HEAT, FLAME, SPARKS, FIRE & OXIDIZERS. STORE AS NFPA CLASS IIIB.

Other Precautions:USE NORMAL HYGIENE TO PROTECT HANDS, EYES AND SKIN.

===== Exposure =====

sure Controls/Personal Protection =====

Respiratory Protection:CONCENTRATION IN AIR DETERMINES THE PROTECTION REQUIRED. NIOSH APPROVAL REQUIRED ON ANY RESPIRATORY EQUIPMENT USED.

Ventilation:USE GENERAL VENTILATION TO PROTECT YOUR LUNGS.

Protective Gloves:OIL IMPERVIOUS GLOVES.

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .

Other Protective Equipment:ANSI APPRVD EYE WASH FOUNTAIN & DELUGE SHOWER . OTHER PROT CLTHG/EQUIP AS NEEDED TO PREVENT RPTD/PRLNG CONTACT.

Work H

ygienic Practices:WASH THOROUGHLY AFTER HANDLING. DO NOT WEAR CONTAMINATED CLOTHING UNTIL THOROUGHLY LAUNDERED.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

Boiling Pt:B.P. Text:571F,299C

Vapor Density: