MURPHY-PHOENIX -- MURPHY OIL SOAP INDUSTRIAL
MATERIAL SAFETY DATA SHEET
NSN: 793000N037671
Manufacturer's CAGE: 5R288
Part No. Indicator: A
Part Number/Trade Name: MURPHY OIL SOAP INDUSTRIAL

General Information

Company's Name: MURPHY-PHOENIX CO
Company's P. O. Box: 22930
Company's City: BEACHWOOD
Company's State: OH
Company's Country: US
Company's Zip Code: 44122
Company's Emerg Ph #: 216-831-0404
Company's Info Ph #: 216-831-0404
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 01MAR89
Safety Data Review Date: 14DEC92
MSDS Preparer's Name: MARGE REDMAN
Preparer's Company: SAME
MSDS Serial Number: BQTZZ
Hazard Characteristic Code: NK

Ingredients/Identity Information

Proprietary: NO
Ingredient: POTASSIUM SOAP; (POTASSIUM SOAP OF VEGETABLE OIL)
Ingredient Sequence Number: 01
Percent: 35-45
NIOSH (RTECS) Number: 1001897PS
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ACETIC ACID, (ETHYLENEDINITRILE).TETRA-, TETRASODIUM SALT; (SODIUM EDTA)
Ingredient Sequence Number: 02
Percent: 0-1
NIOSH (RTECS) Number: AH5075000
CAS Number: 64-02-8
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: WATER
Ingredient Sequence Number: 03
Percent: 54-85
NIOSH (RTECS) Number: ZC0110000
CAS Number: 7732-18-5
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Physical/Chemical Characteristics

Appearance And Odor: AMBER, VISCOUS PASTE WITH BLAND ODOR.
Boiling Point: >220F, >104C
Vapor Density (Air=1): N/A
Solubility In Water: COMPLETELY SOLUBLE
pH: 11

Fire and Explosion Hazard Data
Flash Point: >250°F, >121°C
Flash Point Method: TCC
Lower Explosive Limit: N/A
Upper Explosive Limit: N/A
Extinguishing Media: WATER, WATER FOG, ALCOHOL FOAM, CARBON DIOXIDE OR DRY CHEMICAL ARE ALL SUITABLE.
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N). NONFLAMMABLE.
Unusual Fire And Expl Hazards: NONE SPECIFIED BY MANUFACTURER.

Reactivity Data

Stability: YES
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: PROLONGED CONTACT WITH MORE REACTIVE ALLOYS (ALUMINUM, BRASS, BRONZE, ETC.). STRONG OXIDIZING AGENTS.
Hazardous Decomp Products: CARBON MONOXIDE AND CARBON DIOXIDE.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT

Health Hazard Data

LD50/LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: NO
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: NOT HAZARDOUS. EYE IRRITANT.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT
Signs/Symptoms Of Overexp: NONE SPECIFIED BY MANUFACTURER.
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.
INHAL: REMOVE TO FRESH AIR. SUPPORT BREATHE (GIVE O2/ARTF RESP) (FP N).
INGEST: CALL MD IMMEDIATELY (FP N).

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: PROD IS BIODEGRADABLE. PLACE ANY SPILLED MATERIAL INTO DRUMS. THEN HOSE ANY REMAINING MATERIAL TO SEWAGE TREATMENT FACILITY. IN ACCORDANCE WITH ANY APPLICABLE REGULATIONS. CAUTION: SPILL AREA MAY BE SLIPPERY.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: DISPOSE OF DRUMS OF SPILLED MATERIAL IN A SECURED, LANDFILL, OR OTHER SUITABLE MEANS ACCORDING TO APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.
Precautions-Handling/Storing: AVOID PROLONGED CONTACT WITH MORE REACTIVE ALLOYS (ALUMINUM, BRASS, BRONZE, ETC.). AVOID CONTACT W/STRONG OXIDIZING AGENTS. AVOID CONTACT W/EYES.
Other Precautions: NONE SPECIFIED BY MANUFACTURER.

Control Measures

Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).
Ventilation: NONE SPECIFIED BY MANUFACTURER.
Protective Gloves: IMPERVIOUS GLOVES (FP N).
Eye Protection: CHEMICAL WORKERS GOGGLES (FP N).
Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices: WASH THOROUGHLY AFTER USE.
Suppl. Safety & Health Data: NONE SPECIFIED BY MANUFACTURER.
Transportation Data

Disposal Data

Label Data

Label Required: YES
Technical Review Date: 07DEC92
Label Date: 07DEC92
Label Status: G
Common Name: MURPHY OIL SOAP INDUSTRIAL
Chronic Hazard: NO
Signal Word: CAUTION!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-Slight: X
Reactivity Hazard-None: X
Special Hazard Precautions: ACUTE: EYE CONTACT MAY CAUSE IRRITATION.
CHRONIC: NONE LISTED BY MANUFACTURER.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: MURPHY-PHOENIX CO
Label P.O. Box: 22930
Label City: BEACHWOOD
Label State: OH
Label Zip Code: 44122
Label Country: US
Label Emergency Number: 216-831-0404