GULF OIL PRODUCTS CO -- HARMONY 32, ARO PNEUMATIC LUBRICATING OIL, 29665 -- 9150-00-966-8831

=====================  Product Identification  =====================
Product ID:HARMONY 32, ARO PNEUMATIC LUBRICATING OIL, 29665
MSDS Date:09/18/1986
FSC:9150
NIIN:00-966-8831
MSDS Number: BFZXK

=== Responsible Party ===
Company Name:GULF OIL PRODUCTS CO
Box:2001
City:HOUSTON
State:TX
ZIP:77252
Country:US
Info Phone Num:800-424-9300 (CHEMTREC)
Emergency Phone Num:415-233-3737
CAGE:3X578

=== Contractor Identification ===
Company Name:GULF OIL CO U.S. A DIV OF GULF OIL CORP
Box:1519
City:HOUSTON
State:TX
ZIP:77001
Country:US
CAGE:34252
Company Name:GULF OIL PRODUCTS CO DIV OF GULF OIL CORP
Address:8554 KATY FWY
Box:4256
City:HOUSTON
State:TX
ZIP:77210
Country:US
CAGE:3X578

============  Composition/Information on Ingredients  =============
Ingred Name:MINERAL OIL, PETROLEUM DISTILLATE, SOLVENT DEWAXED (SEVERE), HEAVY PARAFFINIC
CAS:64742-65-0
RTECS #:PY8038501
Fraction by Wt: 99%
OSHA PEL:N/K
ACGIH TLV:5 MG/M3 (MFR)

=====================  Hazards Identification  =====================
LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES  Skin:YES  Ingestion:YES
Reports of Carcinogenicity:NTP:NO    IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:EYE:LIQUID MAY CAUSE IRRITATION.
EXCESSIVE EXPOSURE TO VAPOURS, FUMES MISTS MAY CAUSE IRRITATION.
SKIN:REPEATED AND/OR PROLONGED CONTACT MAY CAUSE IRRITATION.
DERMATITIS. INHALATION:REPEATED OR PROLONGED EXPOSURE TO VAPOURS,
FUMES OR MISTS MAY CAUSE IRRITATION OF RESPIRATORY TRACT. (EFTS OF
OVEREXP
Explanation of Carcinogenicity: NOT RELEVANT.
Effects of Overexposure: HLTH HAZ: MASSIVE EXPOSURE TO VAPORS, FUMES OR MIST MAY CAUSE HEADACHE, DIZZINESS AND/OR DROWSINESS (CNS DEPRESSION). INGEST: NOT EXPECTED TO BE ACUTELY TOXIC BY INGESTION. SIGNS & SYMPS OF RESP TRAC T IRRIT MAY INCL, BUT MAY NOT LIM TO, ONE/MORE OF THE FOLLOWING, DEPENDING ON DOSE, LENGTH OF EXPOSURE. (SUPDAT)
Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

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

First Aid: INHAL: REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE O2/ARTF RESP). EYES: FLUSH IMMEDIATELY W/FRESH WATER FOR @ LEAST 15 MINS WHILE HOLDING EYELIDS OPEN. IF IRRIT PERSISTS, SEE MD. SKIN: REMOVE CN TAM CLTHG. WASH THORO W/SOAP & WATER. IF IRRIT RSLTS, SEEK MED AID. INGEST: IF SWALLOWED, GIVE WATER/MILK TO DRINK & TELEPHONE FOR MED ADIVSE. CONSULT MED PERS BEFORE INDUCING VOMIT. IF (SUPDAT)

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

Flash Point Method: COC
Flash Point: 410F, 210C
Extinguishing Media: CO2, DRY CHEMICAL, FOAM, WATER FOG.
Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard: DO NOT WELD, HEAT/DRILL CNTNR. RESIDUE MAY IGNITE W/EXPLO VIOLENCE IF HEATED SUICIENTLY. DO NOT USE PRESS TO EMPTY DRUM/EXPLOSION MAY RESULT.

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

Spill Release Procedures: STOP SOURCE OF LEAK/RELEASE. CLEAN UP AS SOON AS POSS. CONTAIN LIQ TO PVNT FURTHER CONTAM THE SOIL, SURF WATER/GROUND WATER. USE ABSORB MATL/PUMPS. WHERE FEASABLE REMOVE CONTAM SOIL. FOLLOW PROPER RE PORTING PROCEDURES.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: ELIMINATE ALL SOURCES OF IGNIT WHEN HNDLG THIS MATL. KEEP CNTNRS TIGHTLY CLSD. DO NOT STORE/MIX W/STRONG OXIDANTS.
Other Precautions: CLEAN EMPTY CONTAINERS PROPERLY & THORO BEFORE DISCARDING OR REUSE.

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

Respiratory Protection: NOT NORMALLY REQD. NIOSH/MSHA APPRVD MECH FILTER RESP OR NIOSH/MSHA APPRVD CHEM CARTRIDGE RESP FOR CONC EXCEEDING OCCUP EXPOS LIM. SPEC APPLIC MAY NECESSITATE USE OF MORE STRINGENT RESP PROT EQUIP.
Ventilation: GENERAL VENT. LOCAL EXHAUST, IN ADDITION TO GENERAL VENT IS REC WHEN EXPOSURE LIMIT IS EXCEEDED.
Protective Gloves: IMPERVIOUS GLOVES.
Eye Protection: ANSI APPROVED CHEM SAFETY GOGGLES
Other Protective Equipment: EYE WASH FOUNTAIN AND DELUGE SHOWER MEETING
ANSI DESIGN CRITERIA .

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FORMERLY HARMONY 44 . SPEC GRAV: 0.87 @ 15.6/15.6C (H2O=1). FIRST AID PROC: MED ADVICE IS NOT AVAIL, TAKE PERSON TO NEAREST MED EMER TREATMENT FACILITY. EFTS OF OVEREXP: NASAL DISCHARGE, NOSEBLEED , SORE THROAT, COUGHING, BRONCHITIS, PULMONARY EDEMA & DFCITY IN BREATHING.

Physical/Chemical Properties

Spec Gravity: SUPP DATA
Solubility in Water: INSOLUBLE
Appearance and Odor: CLEAR, COLORLESS OIL

Stability and Reactivity Data

Stability Indicator/Materials to Avoid: YES
MAY REACT WITH STRONG OXIDIZING AGENTS.
Stability Condition to Avoid: MAY REACT WITH STRONG OXIDIZING MATERIALS.
Hazardous Decomposition Products: NORMAL COMBUST FORMS CARBON DIOXIDE & WATER VAP; INCOMPLETE COMBUST CAN PRODUCE CARBON MONOXIDE.

Disposal Considerations

Waste Disposal Methods: INCIN UNDER CONTROLLED CNDTNS/DISPOSE OF IN SECURE CHEM LANDFILL (ABSORB MATL). DISPOSE OF THIS MATL I/A/W LOCAL, STATE AND FEDERAL REGULATIONS.

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