

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

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

Product ID:HARMONY 32, ARO PNEUMATIC LUBRICATING OIL, 29665

MSDS Date:09/18/1986

FSC:9150

NIIN:00-966-8831

MSDS Number: BFZXX

=== Responsible Party ===

Company Name:GULF OIL PRODUCTS CO

Box:2001

City:HOUSTON

State:TX

ZIP:77252

Country:US

Info Phone Num:800-424-9300 (CHEM
TREC)

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

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

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATE, SOLVENT DEWAXED
(SEVERE), HEAVY PARAFF

INIC
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 VAPORS, FUMES MISTS MAY CAUSE IRRITATION.
SKIN:REPEATED AND/OR PROLONGE
D CONTACT MAY CAUSE IRRITATION AND/OR
DERMATITIS. INHALATION:REPEATE D OR PROLONGED EXPOSURE TO VAPORS,
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). INGESTION:NOT EXPECTED TO BE ACUTELY TOXIC BY
INGESTION. SIGNS & SYMP S 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 O*2/ARTF
RESP) . EYES:FLUSH IMMEDIATELY W/FRESH WATER FOR @ LEAST 15 MINS
WHILE HOLDING EYELIDS OPEN. IF IRRIT PERSISTS, SEE MD. SKIN:REMOVE
CO NTAMD CLTHG. WASH THORO W/SOAP & WATER.IF IRRIT R
SLTS, 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:CO*2, 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 SUFFICIENTLY. 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
CONTAMD 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 EXCEEDI
NG
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 (H*2O=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 & DFCLTY IN
BREATHING.

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

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

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

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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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