

JOINT OIL ANALYSIS PROGRAM OFFICE -- MIL-L-6082, GRADE 1100 BASE OIL -- 6650-00-179-5143

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

Product ID:MIL-L-6082, GRADE 1100 BASE OIL

MSDS Date:03/16/1994

FSC:6650

NIIN:00-179-5143

MSDS Number: CBSYB

=== Responsible Party ===

Company Name:JOINT OIL ANALYSIS PROGRAM OFFICE

Address:BLDG 78, NAS

City:PENSACOLA

State:FL

ZIP:32508-5300

Country:US

Info Phone Num:904-452-

3191

Emergency Phone Num:904-452-3191

Preparer's Name:DIRECTOR, JOAP-TSC

CAGE:JOINT

=== Contractor Identification ===

Company Name:JOINT OIL ANALYSIS PROGRAM OFFICE

Address:296 FARRAR RD STE B

City:PENSACOLA

State:FL

ZIP:32508-5150

Country:US

Phone:904-452-3191

CAGE:JOINT

Company Name:NAVAL AIR REWORK FACILITY (CODE 440)

CAGE:89771

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

Ingred Name:BASE METALS - AG, AL, B, CU, CR, FE, MG, NI, NA, PB, SI,  
SN, TI, ZN, MO.

Fracti

on by Wt: 0.03%

Other REC Limits:NONE RECOMMENDED

Ingred Name:NON-HAZARDOUS INGREDIENTS (GRADE 1100 OIL)

Fraction by Wt: 99%+

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) = 29000 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:BECAUSE OF THE LOW LEVEL OF TOXICITY

ASSOCIATED W/THESE SAMPLES, OVEREXPO

SURE IS UNLIKELY.

Explanation of Carcinogenicity:MANUFACTURER GAVE NO INFORMATION ABOUT CARCINOGENICITY. HMIS FOUND NO LISTING & DOES NOT EXPECT IT TO BE CARCINOGENIC.

Effects of Overexposure:THIS PRODUCT MAY BE IRRITATING TO EYES & MAY CAUSE SLIGHT SKIN IRRITATION. AVOID BREATNING MIST OR AEROSOLS OF THIS PRODUCT. IF EYE CONTACT IS MADE, WASH 15 MIN W/CLEAR WATER. IF SKIN CONTACT IS MADE, WASH W/SOAP & WATER. MATERIAL MAY BE DISPOSED AS WASTE OIL.

Medical Cond Aggravate

d by Exposure:MFR GAVE NO INFORMATION OF MSDS.

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

First Aid:REMOVE FROM EXPOSURE SITUATION, WAASH EYES 15 MIN W/CLEAR WATER, SEE PHYSICIAN. WASH SKIN W/SOAP & WATER. CONSULT PHYSICIAN IF INGESTED. DO NOT INDUCE VOMITING.

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

Flash Point Method:COC

Flash Point:420F,216C

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM

Fire Fighting Procedures:NONE

Un

usual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:TREAT AS AN OIL SPILL. CLEAN W/TOWEL OR RAG. DISPOSE OF RAG IN TRASH. DO NOT STORE W/OXIDIZERS. FLOOR MAY BE SLIPPERY. DETERGENT WASH MAY BE REQUIRED.

Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS.

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

Handling and Storage Precautions:NORMAL GOOD HOUSEKEEPING PROCEDURES.

Other Precautions:EXH

AUST SYSTEM SHOULD BE IN PROPER WORKING ORDER TO FURNISH NORMAL WORKPLACE VENTILATION.

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

Respiratory Protection:NOT NORMALLY NEEDED UNLESS OIL MIST OCCURS THEN USE DUST/MIST CARTRIDGE.

Ventilation:LOCAL EXHAUST:NOTHING BEYOND NORMAL VENTILATION. OTHER VENTILATION:MFR GAVE NO INFORMATION OF MSDS.

Protective Gloves:RUBBER GLOVES IF SPILLS LIKELY.

Eye Protection:SAFETY GLASSES ARE RECOMMENDED.

Other Protective Equipment

:MFR GAVE NO INFORMATION OF MSDS.

Work Hygienic Practices:MFR GAVE NO INFORMATION OF MSDS.

Supplemental Safety and Health

\*HAS THE CHARACTERISTIC ODOR OF LUBRICATING OIL.

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

HCC:N1

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:VERY HIGH

Vapor Pres:NIL

Spec Gravity:0.9119

Evaporation Rate & Reference:NIL

Solubility in Water:NIL

Appearance and Odor:D19-0 IS GOLDEN BROWN. REMAINING COLORS RANGE FROM  
AMBER TO PEARRESCENT BLAC

K.

Percent Volatiles by Volume:NIL

=====  
Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

DO NOT MIX W/STRONG OXIDIZERS.

Stability Condition to Avoid:MFR GAVE NO INFORMATION OF MSDS.

Hazardous Decomposition Products:PARTIALLY BURNED HYDROCARBONS, METAL  
OXIDES

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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Disposal Considerations  
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Waste Disposal Methods:SMALL SPILL RESIDURS OF THESE PROD  
UCTS ARE NOT

CONSIDERED HAZARDOUS & MAY BE DISCARDED AS TRASH.

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