

JOINT OIL ANALYSIS PROGRAM OFFICE -- MIL-L-6082, GRADE 1100 BASE OIL -- 6650-01-307-3343

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

Product ID:MIL-L-6082, GRADE 1100 BASE OIL  
MSDS Date:03/16/1994  
FSC:6650  
NIIN:01-307-3343  
MSDS Number: CBTHF  
=== 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.  
Fract  
ion 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, OVEREXP

OSURE 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 Aggravat  
ed 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  
U  
nusual 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:EX  
HAUST 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 Equipmen

t: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 PEARLLESCENT BLA  
CK.  
Percent Volatiles by Volume:NIL

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

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.

===== Disposal Considerations =====

Waste Disposal Methods:SMALL SPILL RESIDURS OF THESE PRO  
DUCTS ARE NOT  
CONSIDERED HAZARDOUS & MAY BE DISCARDED AS TRASH.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility

for the suitability of this information to their particular situation.