

JOINT OIL ANALYSIS PROGRAM TECHNICAL SUPPORT CENTER(JOAP-TSC -- 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

Status Code:A

MSDS Number: CLGLV

=== Responsible Party ===

Company Name:JOINT OIL ANALYSIS PROGRAM TECHNICAL SUPPORT
CENTER(JOAP-TSC

Address:296 FARRAR RD SUITE B

City:PENSACOLA

State:FL

ZIP:32508-5010

Country:US

In

fo Phone Num:904-452-3191 / 904-452-8448

Emergency Phone Num:904-452-3191

Preparer's Name:DIRECTOR, JOAP-TSC

CAGE:UO325

=== Contractor Identification ===

Company Name:JOINT OIL ANALYSIS PROGRAM TECHNICAL SUPPORT
CENTER(JOAP-TSC

Address:296 FARRAR RD SUITE B

Box:City:PENSACOLA

State:FL

ZIP:32508-5010

Country:US

Phone:904-452-3191 / 904-452-8448

CAGE:UO325

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

Ingred Name:BASE METALS: AG, AL, B, CU, CR, FE, MG, NI, NA, PB, SI,
SN,

TI, ZN, MO.

= Wt:.03

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

LD50 LC50 Mixture:RAT ORAL LD50: 29000 MG/KG

Health Hazards Acute and Chronic:THIS PRODUCT MAY BE IRRITATING TO THE
EYES AND MAY CAUSE SLIGHT SKIN IRRITATION.

Effects of Overexposure:BECAUSE OF THE LOW LEVEL OF TOXICIT ASSOCIATED
WITH THESE SAMPLES, OVEREXPOSURE IS UNLIKELY.

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

First Aid:REMOVE FROM EXPOSURE SITUATION, WAS

H EYES 15 MINUTES WITH
CLEAR WATER, SEE PHYSICIAN. WASH SKIN WITH SOAP AND WATER. CONSULT
PHYSICIAN IF INGESTED. DO NOT INDUCE VOMITING.

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

Flash Point Method:COC
Flash Point:=215.6C, 420.F
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Fire Fighting Procedures:NONE
Unusual Fire/Explosion Hazard:NONE

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

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

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

Handling and Storage Precautions:DO NOT STORE WITH OXIDIZERS. NORMAL
GOOD HOUSEKEEPING PROCEDURES.
Other Precautions:EXHAUST 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:NOTHING BEYOND NORMAL VENTILATION.
Protective Gloves:RUBBER GLOVES IF SPILLS LIKELY.
Eye Protection:SAFETY GLASSES ARE RECOMMENDED.
Supplemental Safety and Health
CHEMICAL NAME & SYNONYMS: D12-300, -100, -50, -30, -10, -5, D-19-0,
D3-100 OIL STANDARD. SPECIFICATION NUMBER: MIL-L-6082, GRADE 1100
(BAS EOIL). CHEMICAL FAMILY: METALLO-ORGANIC SULFONATES & MINERAL
OIL. FORMU
LA: RNC6H5-NSO3M R-ALKYL GROUPS, M-METAL.

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

HCC:N1
Boiling Pt:B.P. Text:VERY HIGH RANGE
Vapor Pres:NIL
Vapor Density:UNK
Spec Gravity:0.9119
Evaporation Rate & Reference:NIL
Solubility in Water:NIL
Appearance and Odor:D19-0 IS GOLDEN BROWN, AMBER TO PEALESCENT BLACK
COLOR, LUBE OIL ODOR
Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials t

o Avoid: YES
DO NOT MIX WITH STRONG OXIDIZERS.
Hazardous Decomposition Products: PARTIALLY BURNED HYDROCARBONS, METAL
OXIDES.
Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

Waste Disposal Methods: SMALL SPILL RESIDUES OF THESE PRODUCTS ARE NOT
CONSIDERED HAZARDOUS AND MAY BE DISCARDED AS TRASH.

===== Regulatory Information =====

Federal Regulatory Information: THIS PRODUCT IS NOT HAZAR-
DOUS AS DEFINED
BY THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).
MIL-L-6082, GRADE 1100 OIL REPRESENTS 99+% OF THE TOTAL VOLUME.

===== Other Information =====

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