

NAVAL AIR REWORK FACILITY (CODE 440) -- D14-3 PPM SPECTROMETRIC CALIBRATION STD. --  
6650-00-160-0570

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

Product ID:D14-3 PPM SPECTROMETRIC CALIBRATION STD.

MSDS Date:01/01/1987

FSC:6650

NIIN:00-160-0570

MSDS Number: BDDDS

=== Responsible Party ===

Company Name:NAVAL AIR REWORK FACILITY (CODE 440)

Emergency Phone Num:904-452-3175

CAGE:89771

=== Contractor Identificat

ion ===

Company Name:NAVAL AIR REWORK FACILITY (CODE 440)

CAGE:89771

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

Ingred Name:GRADE 1100 OIL (MIL-L-6082)

Fraction by Wt: 99%+

Ingred Name:CHROMIUM ION (CR 6+)

CAS:18540-29-9

RTECS #:GB6262000

OSHA PEL:C, 0.1 MG/M3 (CRO3)

ACGIH TLV:0.05 MG/M3 (CR);8990

Ingred Name:NICKEL (SARA III)

CAS:7440-02-0

RTECS #:QR5950000

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9192

Ingred Name:SILVER (SARA III)

CAS:7440-22-4

RTECS #:VW3500000

OSH

A PEL:0.01 MG/M3  
ACGIH TLV:0.1 MG/M3; 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:LEAD (SARA III)  
CAS:7439-92-1  
RTECS #:OF7525000  
OSHA PEL:0.05 MG/M3;1910.1025  
ACGIH TLV:0.15 MG/M3;DUST 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

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

Effects of Overexposure:PRODUCT MAY BE IRRITATING TO THE EYES & MAY CAUSE SLIGHT SKIN IRRITATION.LOW TOX LEVEL(SEE OTHR PREC

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

First Aid:EYES:FLUSH W/PLENTY OF CLEAR H\*2O FOR @ LEAST 15 MIN,CALL DR.SKIN:WASH W/SOAP & H\*2O.INHAL:REMOVE FROM EXPOSURE SITUATION.INGEST:DO NOT INDUCE VOMITING.CALL PHYSICIAN.

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

Flash Point:420F (216C), COC  
Extinguishing Media:CARBON DIOXIDE,DRY CHEMICAL,FOAM  
Fire Fighting Procedures:NONE  
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedure:  
res:TREAT AS OIL SPILL.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:NORMAL GOOD HOUSEKEEPING PROCEDURES.AVOID BRTHG MIST/AEROSOL OF PRODUCT.EXHAUST SYS SHOULD BE IN PROPER WORKING ORDER TO FURNISH NORMAL WORKPLACE VENT  
Other Precautions:SPEC GRAVITY:0.9119 @ 26C.ITEM COMPOSITION IN % BY VOL.

NUISANCE OIL EXP PEL=5 MG/CUM(MFR).OVEREXP EFT:ASSOC W/STD(RAT ORAL LD\*50=29000 MG/KG).CHROMIUM(VI):CARCINOGENIC POT FOR MAN)(%=3 PPM).

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

Respiratory Protection:NIOSH/MSHA APPROVED DUST/MIST CARTRIDGE IF OIL MIST OCCURS.

Ventilation:NORMAL WORKPLACE VENTILATION.

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES.

Supplemental Safety and Health

ALUMINUM,10 MG/CUM;CU,1 MG/CUM(MIST);FE;MAGNESIUM;MOLYBDENUM,5 MG/

CUM(SOL);SILICON,10 MG/CUM TOTAL DUST(NUISANCE

DUST);ZN;TIN,S,0.1 MG/CUM(ORGANIC CMPD);TITANIUM,SODIUM.EACH INGRED %=3 PPM.

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

HCC:N1

Boiling Pt:B.P. Text:VERY HIGH

Vapor Pres:NIL

Solubility in Water:NIL

Appearance and Odor:PEARLESCENT BLACK COLOR,ODOR OF LUBRICATING OIL.

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

DO NOT

MIX W/STRONG OXIDIZERS.

Hazardous Decomposition Products:PARTIALLY BURNED HYDROCARBONS,METAL OXIDES.

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

Waste Disposal Methods:DISPOSE OF IAW FEDERAL,STATE & LOCAL REGULATIONS. SMALL SPILL RESIDUES ARE NOT CONSIDERED HAZARDOUS & MAY BE DISCARDED AS TRASH(MFR). MATERIAL MAY BE DISPOSED OF AS WASTE OIL.

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.