

NAVAL AIR REWORK FACILITY (CODE 440) -- D14-100 PPM SPECTROMETRIC CALIBRATION STD. --
6650-00-179-5142

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

Product ID:D14-100 PPM SPECTROMETRIC CALIBRATION STD.

MSDS Date:01/01/1987

FSC:6650

NIIN:00-179-5142

MSDS Number: BDFWW

=== Responsible Party ===

Company Name:NAVAL AIR REWORK FACILITY (CODE 440)

Emergency Phone Num:904-452-3175

CAGE:89771

=== Contractor Identification ===

Company Name:NAVAL AIR REWORK FACILITY (CODE 440)

CA

GE: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 (NI) (TLV FOR SOLUBLE COMPOUNDS,AS NI) (%=100 PPM)

ACGIH TLV:0.1 MG/CUM

Ingred Name:SILVER (SARA III)

CAS:7440-22-4

RTECS #:VW3500000

OSHA 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 (PB) (%=100 PPM) (SEE SUPP DATA FOR OTHER INGREDIENTS)

ACGIH TLV:0.15 MG(PB)/CUM

===== 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 Procedures:TREAT AS OIL SPILL.CLEAN WITH TOWEL OR
RAG.DISPOSE OF RAG IN TRASH.DO NOT STORE WITH OXIDIZERS.FLOOR MAY
BE SLIPPERY.DE
TERGENT 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.VUISANCE OIL EXP PEL=5 MG/CUM(MFR).OVEREXP EFT:ASSOC W/STD(RAT
ORAL LD*50=29000 MG/KG).CHROMIUM(VI):CARCINOGENIC POT FOR
MA
N)(%=100 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
%=100
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, warran

ts 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.