

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 Identifica  
tion ===

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

OS

HA 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 =====  
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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.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 NO

T 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.

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