ALL TRW CARBIDE GRADES(EXCEPT NI-14 & UC-6

MSDS Number

BBDHX

National Stock Number

9350-00D000781

Product Name

ALL TRW CARBIDE GRADES(EXCEPT NI-14 & UC-6

Manufacturer

TRW CARBIDE DIV

Product Identification

Product ID:ALL TRW CARBIDE GRADES(EXCEPT NI-14 & UC-6
MSDS Date:11/25/1985
FSC:9350
NIIN:00D000781
MSDS Number: BBDHX

Responsible Party

TRW CARBIDE DIVISION

ROGERS , AR

US

Emergency Phone: 501-636-1515

Info Phone: 501-636-1515

Cage: 64700

Contractor

TRW CARBIDE DIVISION

ROGERS, AR

US

501-636-1515

Cage: 64700

Ingredients

COBALT (SARA III)

CAS: 7440-48-4

RTECS: GF8750000

Fraction By Weight: 3-30%

OSHA PEL0.05 MG/M3

ACGIH TLV: 0.05 MG/M3;DUST 9394

TANTALUM CARBIDE

CAS: 12070-06-3

Fraction By Weight: 0-52%

CHROMIUM CARBIDE

CAS: 12012-35-0

Fraction By Weight: 0-5.1%

CHROMIUM ION (CR 3+)

CAS: 16065-83-1

RTECS: GB6261000

Fraction By Weight: 0-4.5%

OSHA PEL1 MG/M3

ACGIH TLV: 0.5 MG/M3

TUNGSTEN CARBIDE

CAS: 12070-12-1

RTECS: YO7250000

Fraction By Weight: 41-97%

ACGIH TLV: 5 MG/M3 AS W

Hazards

Effects of Overexposure:IRRITATING TO SKIN,EXCESS NOSE,THROAT;ASTHMA,COUGHING,WHEEZING,CHEST TIGHTNESS,WEIGHT LOSS.

First Aid

First Aid:EYE:FLUSH W/COPIOUS AMOUNT OF WATER;SKIN:WASH WITH SOAP & WATER;INHALE:REMOVE TO FRESH AIR,GIVE ARTIFICIAL RESPIRATION IF NEEDED;ING:IF SUBSTANTIAL QUANTITIES ARE SWALLOWED,DILUTE WITH LARGE AMOUNS OF WATER.INDUCE VOMITING,SEEK MEDICAL HELP.

Fire Fighting

Extinguishing Media:CO*2, FOAM, DRY CHEM & H*2O FOG.
Fire Fighting Procedures:WEAR SELF-CNTND BRTHG APP
Unusual Fire/Explosion Hazard:DUSTS MAY PRESENT A FIRE OR EXPLOSION HAZARD UNDER RARE FAVORING CONDITIONS OF PARTICLE SIZE,IGNIT.

Accidental Release

Spill Release Procedures:VENTILATE AREA OF SPILL.CLEAN UP USING METHODS WHICH AVOID DUST GENERATION SUCH AS VACUUM.WET DUST MOP OR WET CLEAN-UP.IF AIRBORNE DUST IS GENERATED.USE AN APPROPRIATE NIOSH-APPROVED RESPIRATOR.

Handling

Handling and Storage Precautions:MAINTAIN GOOD HOUSEKEEPING PROCEDURES TO PREVENT DUST ACCUMULATON DURING GRINDING.AVOID DUST INHALATION & DIRECT SKIN CONTACT.

Exposure Controls

Respiratory Protection:IF EXCED TLV,NIOSH/MSHA APPR SELF-CNTND BRTHG APP (POS PR MODE)
Ventilation:LOCAL EXHAUST TO ELIMINATE MISTS/FUMES/GASES.
Protective Gloves:RECOMMENDED.
Eye Protection:SAFETY GLASSES
Other Protective Equipment:NONE
Supplemental Safety and Health
MSDS DATED 11-25-85.

Chemical Properties

HCC:N1
Spec Gravity:11-15
Solubility in Water:INSOLUBLE
Appearance and Odor:DARK GRAY METAL,NO ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS.STRONG ACIDS.
Stability Condition to Avoid:NONE
Hazardous Decomposition Products:NONE

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH APPROPRIATE GOVERNMENT REGULATIONS.MAY BE SOLD AS SCRAP FOR RECLAIM.

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.