

## **CARBIDE GRADES NI-14 AND UC-6**

### **MSDS Number**

BBDNY

### **National Stock Number**

9350-00D000937

### **Product Name**

CARBIDE GRADES NI-14 AND UC-6

### **Manufacturer**

TRW INC TRW CARBIDE TOOLS

### **Product Identification**

Product ID: CARBIDE GRADES NI-14 AND UC-6

MSDS Date: 11/25/1985

FSC: 9350

NIIN: 00D000937

MSDS Number: BBDNY

### **Responsible Party**

TRW INC TRW CARBIDE TOOLS

205 N 13TH ST

ROGERS , AR 72756-3551

US

Emergency Phone: 501-636-1515

Info Phone: 501-636-1515

Preparer: VERN FREDRICKSON

Cage: EO067

### **Contractor**

TRW INC TRW CARBIDE TOOLS

ROGERS, AR 72756-3551

US

501-636-1515

Cage: EO067

### **Ingredients**

TUNGSTEN CARBIDE

CAS: 12070-12-1

RTECS: YO7250000

Fraction By Weight: 87-94%

OSHA PEL5 MG/M3

ACGIH TLV: 5 MG/M3

NICKEL (SARA III)

CAS: 7440-02-0

RTECS: QR5950000

Fraction By Weight: 5-12%

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3; 9394

## Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE RESPIRATORY IRRITATION. CONTACT MAY CAUSE SKIN AND EYE IRRITATION. NO ADVERSE EFFECTS FOUND FOR INGESTION. CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN SENSITIZATION AND MAY CAUSE NASAL OR LUNG CANCER (NICKEL).  
Explanation of Carcinogenicity:NICKEL IS LISTED BY NTP AND IARC AS A SUSPECTED AND/OR ANTICIPATED CARCINOGEN.  
Effects of Overexposure:INHALED: COUGHING, SNEEZING, WHEEZING, SHORTNESS OF BREATH; CANCER- PAIN, BLEEDING, NASAL OBSTRUCTION, VISION IMPAIRMENT, WEIGHT LOSS. EYES: REDNESS, TEARING, DISCOMFORT. SKIN: REDNESS, ITCHING, DISCOMFORT. INGESTION: NONE GIVEN.  
Medical Condition Aggravated by Exposure:PULMONARY, SKIN CONDITIONS.

## First Aid

First Aid:INHALED: REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES, HOLD LIDS OPEN. SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER. SEE DOCTOR IF IRRITATION PERSISTS. IF INGESTED: IF CONSCIOUS, DILUTE WITH LARGE AMOUNT OF WATER. INDUCE VOMITING AND SEEK MEDICAL ATTENTION.

## Fire Fighting

Flash Point:NONE  
Extinguishing Media:DRY SAND, DRY DOLOMITE, ABC TYPE FIRE EXTINGUISHER OR FLOOD WITH WATER.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.  
Unusual Fire/Explosion Hazard:DUST MAY PRESENT A FIRE OR EXPLOSION HAZARD IF FAVORING CONDITIONS OF PARTICLE SIZE, DISPERSION, AND STRONG IGNITION SOURCE ARE MET.

## Accidental Release

Spill Release Procedures:VENTILATE AREA OF SPILL. CLEAN UP USING METHOD WHICH WILL REDUCE AMOUNT OF DUST TO MINIMUM. IF DUST IS GENERATED, USE APPROPRIATE RESPIRATOR.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:MAINTAIN GOOD HOUSEKEEPING METHODS TO PREVENT DUST BUILD-UP. AVOID INHALATION AND DIRECT SKIN CONTACT WITH DUST.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

## Exposure Controls

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.134.  
Ventilation:USE LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW PEL/TLV.  
Protective Gloves:WORK GLOVES OR BARRIER CREAM  
Eye Protection:SAFETY GLASSES  
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.  
Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.  
Supplemental Safety and Health  
MSDS DATED 11-25-85.

## Chemical Properties

HCC:N1  
Spec Gravity:>14.2 (WATER=1)  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:DARK GREY METAL; NO ODOR  
Percent Volatiles by Volume:0

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## Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS, STRONG MINERAL ACIDS.

Stability Condition to Avoid: CONTACT WITH STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: NONE

## Disposal

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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