

C 400

MSDS Number

BBLTP

National Stock Number

3439-00F002817

Product Name

C 400

Manufacturer

G O CARLSON INC

Product Identification

Product ID:C 400
MSDS Date:06/03/1992
FSC:3439
NIIN:00F002817
MSDS Number: BBLTP

Responsible Party

G O CARLSON INC
350 MARSHALLTON RD
THORNDALE , PA 19372
US
Emergency Phone: 215-384-2800
Info Phone: 215-384-2800
Cage: GOCAR

Contractor

G O CARLSON INC
THORNDALE, PA 19372
US
215-384-2800
Cage: GOCAR

Ingredients

IRON
CAS: 7439-89-6
RTECS: NO4565500
Fraction By Weight: 0-2.5%
OSHA PEL10 MG/CUM FUME
ACGIH TLV: 5 MG/CUM FUME

CHROMIUM METAL, CHROMIUM, CHROME (SUSPECTED A1 HUMAN
CAS: 7440-47-3
RTECS: GB4200000
Fraction By Weight:
OSHA PEL1 MG/CUM (CEILING)
ACGIH TLV: 0.5 MG/CUM

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

NICKEL (SOLUBLE) (SUSPECTED HUMAN CARCINOGEN BY NTP, IARC,

CAS: 7440-02-0

RTECS: QR5950000

Fraction By Weight: 63-70%

OSHA PEL1 MG/CUM

ACGIH TLV: 0.05 MG/CUM IC

MANGANESE, MN COMPOUNDS

CAS: 7439-96-5

RTECS: OO9275000

Fraction By Weight: 0-2%

OSHA PEL(C) 5 MG/M3 DUST

ACGIH TLV: 5 MG/M3 DUST 9293

COPPER (DUST & MIST), BRONZE POWDER

CAS: 7440-50-8

RTECS: GL5325000

Fraction By Weight: 28-34%

OSHA PEL0.1 MG(CU)/M3 (FUME)

ACGIH TLV: 0.2 MG/M3 (FUME)

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

COBALT

CAS: 7440-48-4

RTECS: GF8750000

Fraction By Weight:

OSHA PEL0.1 MG/M3;AS CO

ACGIH TLV: 0.05 MG/M3;DUST 9293

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:NO TOXIC EFFECTS EXPECTED FROM INERT FORM. EXPOSURE TO FUMES OR DUSTS GENERATED DURING HEATING, CUTTING, BRAZING OR WELDING MAY CAUSE ADVERSE HEALTH EFFECTS. INHALATION: IRRITATION OF NOSE & THROAT. M ETAL FUME FEVER. EYES: IRRITATION. INGESTION: IRRITATION OF THE MOUTH & THROAT.

Explanation of Carcinogenicity:SEE INGREDIENTS

Effects of Overexposure:INHALATION: PNEUMONITIS, SIDEROSIS. CNS INVOLVEMENT. INTERSTITIAL PNEUMONITIS & SENSITIZATION. NODULAR PULMONARY DISEASE. SKIN: DERMATITIS DUE TO SENSITIZATION.

First Aid

First Aid:SKIN: WASH W/SOAP OR MILD DETERGENT & WATER FOR 5 MINS. EYES:

WASH W/PLENTY OF WATER FOR 15 MINS. INHALATION/INGESTION: OBTAIN MEDICAL ATTENTION IN ALL CASES.

Handling

Handling and Storage Precautions:DURING WELDING, PRECAUTIONS SHOULD BE TAKEN FOR AIRBORNE CONTAMINANTS & NOXIOUS GASES FROM THE WELDING PROCESS OR COMPONENTS OF THE WELDING ROD.

Other Precautions:ARC & SPARKS GENERATED WHEN WELDING W/THIS PRODUCT COULD BE A SOURCE OF IGNITION FOR COMBUSTIBLE & FLAMMABLE MATERIALS.

Exposure Controls

Respiratory Protection:USE A PROPERLY FITTED NIOSH APPROVED DUST-FUME RESPIRATOR DURING WELDING OR BURNING.

Ventilation:RECOMMENDED TO KEEP BELOW TLV

Protective Gloves:RECOMMENDED

Eye Protection:SAFETY GLASSES OR GOGGLES

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

SOME CONSTITUENTS POSE MORE POTENTIAL HAZARDS THAN OTHERS, DEPENDING UPON THEIR INHERENT TOXICITY & CONCENTRATION. OF SPECIAL CONCERN ARE CHROMIUM, NICKEL & PERHAPS MANGANESE.

Chemical Properties

Spec Gravity:8-8.9

Appearance and Odor:ODORLESS SOLID W/METALLIC LUSTRE. AVAILABLE PLATES, DISCS, HEADS & SLABS.

Stability

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:METAL FUMES & CERTAIN NOXIOUS GASES SUCH AS CO. ACID PICKLING MAY RESULT IN THE FORMATION OF HEXAVALENT CHROMIUM.

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