

TITANIUM POWDER, 10383

MSDS Number

BSCJZ

National Stock Number

6810-00N044817

Product Name

TITANIUM POWDER, 10383

Manufacturer

JOHNSON MATTHEY CATALOG CO

Product Identification

Product ID:TITANIUM POWDER, 10383

MSDS Date:03/31/1988

FSC:6810

NIIN:00N044817

MSDS Number: BSCJZ

Responsible Party

JOHNSON MATTHEY CATALOG CO

30 BOND ST

WARD HILL , MA 01835-0747

US

Emergency Phone: 508-521-6300;800-424-9300(CHEMTREC)

Info Phone: 508-521-6300

Cage: 0JVJ1

Contractor

JOHNSON MATTHEY CATALOG CO INC ALFA AESAR

WARD HILL, MA 01835-0747

US

978-521-6300

Cage: 0JVJ1

Ingredients

TITANIUM

CAS: 7440-32-6

RTECS: XR1700000

Fraction By Weight: 100%

OSHA PELN/K

ACGIH TLV: N/K

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: INGEST: NONE KNOWN.

SKIN/EYE/INHAL: DUST/POWDER MAY CAUSE IRRITATION. CHRONIC:

INGEST/SKIN/EYE/INHAL: NONE KNOWN. OTHER: INTRAMUSCULAR INJECTION

ADMINISTERED TO LAB ANIMALS PRODUCED TUMORIGENIC EFFECTS.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE KNOWN.

First Aid

First Aid:INGEST: NO DATA AVAIL BUT ONE SHOULD OBTAIN MED ATTN. SKIN: REMOVE CONTAMINATED CLOTHING, FLOOD SKIN W/LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS SEEK MED ATTN. EYE: IMMED FLUSH EYES, INCLUDING UN DER LIDS, W/LG AMTS OF WATER FOR @ LST 15 MIN. CALL A PHYS. INHAL: NO SPECIFIC INFO AVAIL, ONE SHOULD OBTAIN MED ATTN.

Fire Fighting

Extinguishing Media:FLAMM SOLID, IF INVOLVED IN FIRE DO NOT USE WATER, CO*2/HALOGENATED EXTING, USE DRY CHEM EXTING AGENTS, DRY (SUPP DATA)

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . IF W/OUT RISK, REMOVE MATERIAL FROM FIRE AREA. COOL CONTAINER W/WATER FROM MAX DISTANCE.

Unusual Fire/Explosion Hazard:WATER APPLIED TO HOT TITANIUM MAY EVOLVE HYDROGEN, CAUSING AN EXPLOSION.

Accidental Release

Spill Release Procedures:WEARING FULL PROTECTIVE EQUIPMENT, COVER SPILL WITH DRY SAND/VERMICULITE. MIX WELL AND CAREFULLY TRANSFER TO A CONTAINER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE IN A COOL, DRY, WELL-VENTILATED AREA.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED HIGH EFFICIENCY PARTICLE RESPIRATOR.

Ventilation:LABORATORY FUME HOOD.

Protective Gloves:RUBBER.

Eye Protection:ANSI APPROVED SAFETY GOGGLES.

Other Protective Equipment:LAB COAT & APRON, FLAME & CHEM RESIST COVERALLS, EYEWASH CAPABLE OF SUSTAINED FLUSHING, SFTY DRENCH SHOWER (SUPP DATA)

Work Hygienic Practices:WASH THOROUGHLY AFTER USE.

Supplemental Safety and Health

VP: ESSENTIALLY 0. EXTING MEDIA: SAND/DRY GROUND DOLOMITE. MATL TO AVOID: PBO CARBONATES, STRONG OXIDIZING AGENTS, METALLOXY SALTS.

OTHER PROT EQUIP: AND HYGIENIC FACILITIES FOR WASHING.

Chemical Properties

HCC:F8

Boiling Pt:B.P. Text:5900F,3260C

Melt/Freeze Pt:M.P/F.P Text:3034F,1668C

Vapor Pres:SUPP DATA

Spec Gravity:4.507(H*20=1)

Evaporation Rate & Reference:0(BUTYL ACETATE=1)

Solubility in Water:INSOLUBLE

Appearance and Odor:DARK GREY OR SILVER METAL, ODORLESS

Percent Volatiles by Volume:0

Stability

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, STANNOUS CHLORIDE, OXYGEN, POTASSIUM NITRATE, POTASSIUM CHLORATE, PERMANGANATES, BR*3, CUO, (SUPP DATA)

Stability Condition to Avoid:INCOMPATIBILITIES.

Hazardous Decomposition Products:TITANIUM OXIDES.

Disposal

Waste Disposal Methods:CONSULT STATE, LOCAL/FEDERAL EPA REGULATIONS FOR PROPER DISPOSAL.

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