

VANDIUM (III) OXIDE, 12301

MSDS Number

BSCKJ

National Stock Number

6810-00N044824

Product Name

VANDIUM (III) OXIDE, 12301

Manufacturer

JOHNSON MATTHEY CATALOG CO

Product Identification

Product ID:VANDIUM (III) OXIDE, 12301

MSDS Date:04/08/1991

FSC:6810

NIIN:00N044824

MSDS Number: BSCKJ

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

VANADIUM TRIOXIDE; (VANADIUM(III) OXIDE)

CAS: 1314-34-7

RTECS: YW3050000

Fraction By Weight: 100%

OSHA PELN/K

ACGIH TLV: N/K

Hazards

LD50 LC50 Mixture:LD50:(ORAL,MOUSE)382 MG/KG

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

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

Health Hazards Acute and Chronic:ACUTE: INGEST: MAY BE HARMFUL IF SWALLOWED. EFTS MAY BE SIMILAR TO THOSE OF INHAL. SKIN/EYE: MAY CAUSE IRRITATION. INHAL: CAUSE IRRITATION OF RESPIRATORY TRACT, CHEST PAIN, COUGH, DISTURBANCES OF GI T RACT, GREENISH-BLACK TONGUE, SHORTNESS OF BREATH. CHRONIC: NONE KNOWN.

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 AVAILABLE BUT ONE SHOULD OBTAIN MEDICAL ATTENTION. SKIN: REMOVE CONTAMD CLTHG, FLOOD SKIN W/LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS SEEK MED ATTN. EYE: IMMED FLUSH EYES,INCLUDIN G UNDER LIDS, W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. INHAL: NO SPEC INFO AVAIL, ONE SHOULD OBTAIN MED ATTN.

Fire Fighting

Extinguishing Media:MAY SELF-IGNITE IN AIR UPON HEATING. USE WATER, CARBON DIOXIDE, DRY CHEM EXTING AGENTS, DRY SAND/DRY GROUND DOLOMITE.

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

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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 & CHEMICAL RESISTANT COVERALLS, EYEWASH CAPABLE OF SUSTAINED FLUSHING, SFTY DRENCH (SUPP DATA)

Work Hygienic Practices:WASH THOROUGHLY AFTER USE.

Supplemental Safety and Health

SPEC GRAV: 4.87@64F(H*20=1). VP: ESSENTIALLY 0. OTHER PROT EQUIP: SHOWER AND HYGIENIC FACILITIES FOR WASHING.

Chemical Properties

HCC:T3

Melt/Freeze Pt:M.P/F.P Text:3578F,1970C

Vapor Pres:SUPP DATA

Spec Gravity:SUPP DATA

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

Solubility in Water:SLIGHTLY SOLUBLE

Appearance and Odor:BLACK POWDER, GRADUALLY CONVERTS TO INDIGO BLUE; ODORLESS

Percent Volatiles by Volume:0

Stability

Stability Indicator/Materials to Avoid:YES

OXIDIZERS, HEAT.

Stability Condition to Avoid:HEATING IN AIR MAY CAUSE THIS MATERIAL TO SELF-IGNITE.

Hazardous Decomposition Products:VO*X. GRADUALLY COVERTS TO V*20*4 IN AIR.

Disposal

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

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