

HB Chemical Corporation

TMTD Page 2 of 4

Explosion Hazards: Dust suspended in air in critical proportions with a presence of an ignition source presents an explosion hazard.

Min. explosion concentration: NA
Min. ignition energy: na
Maximum rate of pressure rise: NA
Max. Pressure of explosion: NA
Explosion severity: NA
Volume resistivity: na

SECTION VI **SPILLS AND ENVIRONMENTAL INFORMATION**

SPILL OR LEAK PRECAUTIONS: Wear appropriate protective clothing, gloves and equipment. Eliminate all sources of ignition. Contain spill. Transfer to secure containers and dispose of according to local and state regulations. Thought should always be given to collecting the material in such a manner that it could be recycled. Clean/scrub affected area with detergent. Prevent run-off into sewers or natural waterways. Spills in excess of the RQ must be reported to the local emergency response organizations. Major spills should also be reported to the National Response Center. Spills with potential to contaminate coastal waterways must be reported to the U.S. Coast Guard (800-424-8802)

WASTE DISPOSAL: All containers should be effectively labeled to facilitate the appropriate disposal or reclaim.

SECTION VII **HANDLING AND STORAGE**

Store in sealed containers in dry, ambient temperature conditions (less than 110°F). Perform packaging in well-ventilated area wearing protective eye shields and clothing.

SECTION VIII **EXPOSURE CONTROLS AND PERSONAL PROTECTION**

VENTILATION: Use only where sufficient ventilation exists to keep exposure levels of fumes and dust below recommended levels.

RESPIRATORY AND PERSONAL PROTECTION: Respirators should be selected when TWA exceeded. Safety glasses with side shields; gloves, boots and apron as appropriate.

FACILITIES: Consideration to properly engineered explosion suppression should be considered when large amounts of product are handled. There should be a shower facility and eyewash in the building where this product is being stored and handled. Exercise good chemical handling practice.

TVL/PEL: Not Available

SECTION IX **PHYSICAL AND CHEMICAL INFORMATION**

Appearance: yellowish white prills/pwd
Specific Gravity @25°C = 1.43
Vapor Pressure: ND
Viscosity cPs (25°C) = ND

Evaporation Rate: < 1 (butyl acetate=1)
Melting Point: 145 approx
Refractive Index 25°C: ND
Solubility in Water: Not soluble

Corporate Office:
140 E Ascot Lane
Cuyahoga Falls, OH 44223

Tel. 330-923-8023
Fax 330-920-0971

HB Chemical Corporation

SECTION X

STABILITY AND REACTIVITY

TMTD Pg. 3 of 4

Under normal storage conditions, this product a) is stable; b) will not polymerize or exotherm; c) should be kept away from extreme heat, strong oxidizers and bases; d) this product decomposes under high temperature and hydrolyses in humid conditions. Above 130 C material may become instable.

SECTION XI

TOXICOLOGICAL INFORMATION

Routes of Entry: Eye, Inhalation and Ingestion and skin
Acute Dermal (Rabbit) >7940 mg/kg (LD50)
Acute Oral : 1080 mg/kg (As reported in Flexsys MSDS FLXP0056)
Acute Inhalation: 500 mg/m3 (As reported in Flexsys MSDS FLXP0056)

Remarks: Eye and skin tests on rabbits came back moderate and negative respectively

SECTION XII

ECOLOGICAL INFORMATION

Ecotoxicity: Ecotoxicity in water (LC50): NA

BOD and COD: Not available

Biodegradability: Not available

Products of Biodegradation: No likely short term hazards of degradation however, potential long term may arise.

SECTION XIII

DISPOSAL CONSIDERATIONS

Incineration by a permitted hazardous waste facility in accordance with all regulatory requirements is the preferred method of disposal. Empty containers can be rinsed with a suitable solvent/surfactant and steamed to remove residual product and fumes before disposal or reuse in accordance with applicable regulations. For spill clean-up procedures see Sect.VI.

SECTION XIV

TRANSPORTATION INFORMATION

DOT: Regulated: Environmentally Hazardous Substance, Solid, n.o.s., 9, UN3077, III, RQ(Thiram)

CANADA TRANSPORT HAZ.GOODS: Not determined.

AIR (IATA/ICAO): Not determined. Label: Product trade name with chemical description.

EUROPEAN TRANSPORTATION: ADR/RID HAZ. CLASS: Not regulated.

US CUSTOMS: - HARMONIZED TARIFF CODE:

SECTION XV

REGULATORY INFORMATION

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

SARA TITLE III: - 311/312 CATEGORIES: Immediate Delayed

“ “ - 313 Reportable ingredients: Listed as Thiram

CERCLA RQ: Not applicable.

RCRA Status: RCRA Hazardous Waste U244

TSCA REGULATORY: All intentional ingredients are listed in the TSCA Inventory.

Corporate Office:

140 E Ascot Lane

Cuyahoga Falls, OH 44223

Tel. 330-923-8023

Fax 330-920-0971

HB Chemical Corporation

TMTD pg. 4 of 4

CANADA WHMIS HAZARD SYMBOL AND CLASS: Not Controlled

CANADA INGREDIENT DISCLOSURE LIST: Does not contain any ingredients on the IDL. All intentional ingredients are on the DSL.

SECTION XVI OTHER INFORMATION

HMIS Label: Health: 2
 Fire: 1
 Reactivity: 0
 Protection: E

Prepared: August 2006

The information presented herein, while not guaranteed, was prepared by technically knowledgeable personnel and to the best of our knowledge is true and accurate. It is not intended to be all-inclusive and the manner and conditions of use and handling may involve other or additional considerations. A good part of the information was gained from RT Vanderbilt MSDS Code 04350.

Corporate Office:
140 E Ascot Lane
Cuyahoga Falls, OH 44223

Tel. 330-923-8023
Fax 330-920-0971