

HEALTH HAZARD DATA/ROUTES OF EXPOSURE:

INHALATION:

HAZARD CLASSIFICATION: Not toxic by inhalation according to OSHA regulations. Dust of soluble salts may cause mucous membrane irritation.

BASIS FOR CLASSIFICATION:

Test results on product

Acute inhalation LC50 (rats) = In excess of 147.9 mg/L of air.

SOURCE: Determined by Toxicological Laboratory test on product.

SKIN CONTACT:

HAZARD CLASSIFICATION: May cause skin irritation.

BASIS FOR CLASSIFICATION: OSHA set 8 hr. TWA-PEL at 1 mg/m³ as iron for soluble iron salts.

SOURCE: OSHA regulations

Federal Register Vol. 54 (12) Jan. 19, 1989, p. 2466.

SKIN ABSORPTION:

HAZARD CLASSIFICATION: Not toxic dermally. In accordance with OSHA regulations.

BASIS FOR CLASSIFICATION:

Test results on product

Acute dermal LD50 (rabbits) (Male) In excess of 2 g/kg body wt.

(Female) 2.0 g/kg body wt.

SOURCE: Determined by Toxicological Laboratory test on product.

EYE CONTACT:

HAZARD CLASSIFICATION: Corrosive to the eye. In accordance with OSHA regulations.

BASIS FOR CLASSIFICATION:

Test results on product

Eye irritation scores:

24 hrs. 45.2 72 hrs. 56.3

48 hrs. 56.2 7 days 63.4

SOURCE: Determined by Toxicological Laboratory test on product.

INGESTION:

HAZARD CLASSIFICATION: Not toxic orally according to OSHA regulations.

BASIS FOR CLASSIFICATION:

Test results on product

Acute oral LD50 (rats) = Between 1 - 2.5 g/kg body wt.

SOURCE: Determined by Toxicological Laboratory test on product.

EFFECTS OF OVEREXPOSURE:

ACUTE OVEREXPOSURE: Dusty. May cause coughing, irritate lungs and mucous membranes. May be corrosive to the eye if not removed by washing. Also see Sec. V above.

CHRONIC OVEREXPOSURE: None known except as listed above. Prolonged dust inhalation may cause lung mottling and irritation of mucous membranes.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Irrigate eyes with large amounts of water for at least 15 minutes. Hold eyelids apart during irrigation. Send patient to a physician immediately.

SKIN: Wash with water. Remove shoes if in a shower. Remove and wash clothes before reuse.

INHALATION: Remove worker from exposure and seek medical aid.

INGESTION: Treat as a corrosive liquid. Drink large quantities of water or milk to reduce concentration. Seek medical aid immediately.

NOTES TO PHYSICIAN:

1. See references 1 and 2

2. See instructions and references 1 to 8.

* N.A. = Not Applicable

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES: Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representation as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s). A request has been made to the manufacturer to approve the contents of this material safety data sheet. Upon receipt a new MSDS will be made available.

COMPAS Code: 12500290