

# MATERIAL SAFETY DATA SHEET

24HR. EMERGENCY PHONE # CHEM-TREC 1-800-424-9300

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## SECTION 1 Product Identification

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**CHEMICAL NAME:** Titanium (IV) oxide  
**CAS#:** 1317-80-2  
**FORMULA:** TiO<sub>2</sub>  
**SYNONYM:** beta-Rutile

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## SECTION 2 Composition and Information on Ingredients

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INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	1317-80-2	100	10mg/m <sup>3</sup>	15mg/m <sup>3</sup> (as total dust)

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## SECTION 3 Hazards Identification

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**EMERGENCY OVERVIEW:** No particular hazard associated with this material.  
**PRIMARY ROUTES OF EXPOSURE:** Ingestion, inhalation  
**EYE CONTACT:** May cause slight to mild irritation of the eyes  
**SKIN CONTACT:** May cause slight to mild irritation of the skin.  
**INHALATION:** May be irritating to the nose, mucous membranes and respiratory tract.  
**INGESTION:** No information available on the effects of ingestion.  
**CHRONIC HEALTH EFFECTS:** No information available on long-term chronic effects.  
**ACUTE HEALTH EFFECTS:** Irritating to skin, eyes and respiratory tract.

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## SECTION 4 First Aid Measures

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**EYE EXPOSURE:** Immediately flush the eyes with copious amounts of water for at least 15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate competent medical attention.  
**SKIN EXPOSURE:** Wash affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.  
**INHALATION:** Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance.  
**INGESTION:** Seek medical assistance immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.