

**TITANIUM DIOXIDE****0338**

August 2002

CAS No: 13463-67-7  
RTECS No: XR2275000Rutile  
TiO<sub>2</sub>  
Molecular mass: 79.9

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
<b>FIRE</b>	Not combustible.		In case of fire in the surroundings: all extinguishing agents allowed.
<b>EXPLOSION</b>			
<b>EXPOSURE</b>		<b>PREVENT DISPERSION OF DUST!</b>	
<b>Inhalation</b>		Local exhaust or breathing protection.	Fresh air, rest.
<b>Skin</b>			Rinse and then wash skin with water and soap.
<b>Eyes</b>	Redness.	Safety spectacles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
<b>Ingestion</b>		Do not eat, drink, or smoke during work.	Rinse mouth.

**SPILLAGE DISPOSAL**

Sweep spilled substance into containers. (Extra personal protection: P1 filter respirator for inert particles).

**PACKAGING & LABELLING****EMERGENCY RESPONSE****SAFE STORAGE****IPCS**International  
Programme on  
Chemical SafetyPrepared in the context of cooperation between the International  
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## IMPORTANT DATA

**Physical State; Appearance**

COLOURLESS TO WHITE CRYSTALLINE POWDER

**Routes of exposure**

The substance can be absorbed into the body by inhalation of its aerosol.

**Occupational exposure limits**TLV: as TWA 10 mg/m<sup>3</sup> A4 (ACGIH 2001).MAK: 1.5 mg/m<sup>3</sup> (Respirable fraction) Pregnancy risk group: C (DFG 2005).**Inhalation risk**

A nuisance-causing concentration of airborne particles can be reached quickly when dispersed.

## PHYSICAL PROPERTIES

Boiling point: 2500-3000/C  
Melting point: 1855/CDensity: 3.9-4.3 g/cm<sup>3</sup>  
Solubility in water: none

## ENVIRONMENTAL DATA

## NOTES

## ADDITIONAL INFORMATION

## LEGAL NOTICE

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