

Section 1: Identification

Product Name Titanium Dioxide USP
Commercial Name Not available.
Product Use Not available
Restrictions On Use Not available

Product Code 30-1150

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Carcinogenicity, Category 2
CFR 1910.1200
Signal Word WARNING
Hazard Statement(s) Suspected of causing cancer if inhaled
Pictogram(s) or Symbol(s)


Precautionary Statement(s):

Prevention P201 - Obtain special instructions before use P202 - Do not handle until all safety precautions have been read and understood P280 - Wear protective gloves/protective clothing/eye protection/face protection
Response P308 + P313 - IF exposed or concerned: Get medical advice/attention
Storage P405 - Store locked up
Disposal P501 - Dispose of contents/ container to an approved waste disposal plant

Section 3: Composition/Information on Ingredients

Substance/Mixture Mixture
Components Titanium dioxide/ Water/ Organic matters/Other inorganic matters/Dangerous matters
% By Weight Titanium dioxide >99%/Water <0.5%/Organic matters None/Other inorganic matters None/Dangerous matters None
CAS# 13463-67-7/7732-18-5
Molecular Weight 79.9 g/mole
Chemical Formula TiO₂
Synonym(s) Titanium Dioxide, Water Dispersible, USP

Mixtures				
Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Titanium dioxide	13463-67-7	>99	TWA: 10 (mg/m3)from ACGIH[1995]	Not available.
Water	7732-18-5	<0.5		
Other inorganic matters	None			
Organic matters	None			
Dangerous matters	None			



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Titanium Dioxide USP

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Section 4: First-Aid Measures

Inhalation	Remove to fresh air.
Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Eye Contact	Not available.
Ingestion	Clean mouth with water and drink afterwards plenty of water.
Symptoms/Effects	
Acute	Asthma-like and/ or skin allergy-like symptoms
Delayed	Asthma-like and/ or skin allergy-like symptoms
Immediate Medical Attention	
Treat symptomatically.	

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

Not applicable.

Products of Combustion

Thermal decomposition can lead to release of irritating gases and vapors

Firefighters Special Equipment and Precautions

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: Accidental Release Measures

Personal Precautions: Ensure adequate ventilation. Environmental precautions: Dike far ahead of any spill and use absorbent material. Place in approved waste containers and dispose of in accordance with all local and federal rules and regulations.

Methods for Containment: Prevent further leakage or spillage if safe to do so. Methods for Cleaning Up: Take up mechanically, placing in appropriate containers for disposal.

Section 7: Handling and Storage

Handling: Ensure adequate ventilation. Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Storage: Keep container tightly closed in a dry and well-ventilated place.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Ensure adequate ventilation, especially in confined areas.
Personal Protection	Eye/Face Protection: Tight sealing safety goggles. Skin and Body Protection: Long sleeved clothing.

Section 9: Physical and Chemical Properties

Appearance	Solid. Powder.		
Odor	Characteristic		
Odor Threshold	Not available		
Melting Point	> 1000 °C	pH	Not available
Freezing Point	Not available	Vapor Pressure	Not applicable.
Boiling Point/Range	8189.6 °C	Vapor Density	Not available.
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not available
Flash Point	Not applicable.	Autoignition temperature	Not available
Flammability	Non-flammable	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	Not available		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available
Chemical Stability	Stable under normal conditions.
Hazardous Polymerization	None under normal processing.
Conditions to Avoid	Heat, flames and sparks.
Incompatible Materials	Not available.
Hazardous Decomposition Products	None under normal use conditions.

Section 11: Toxicological Information
RTECS XR2275000

Acute Toxicity

Not available

Skin Corrosion/Irritation

None

Serious Eye Damage/Irritation

None

Respiratory or Skin Sensitization

None

Germ Cell Mutagenicity

Not available

Carcinogenicity

Not available.

Reproductive Toxicity

Not available

Routes of Entry

Not available.

Symptoms Related to Exposure

Not available

Potential Health Effects

Not available

Target Organ(s)

Not available

Section 12: Ecological Information**Ecotoxicity**

100 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence and Degradability

Not available

Bioaccumulative Potential

Not available

Mobility in Soil

Not available.

Other Adverse Effects

Not available

Section 13: Disposal Considerations**Waste Disposal**

Dispose of in accordance with local regulations.

Disposal of Container

Empty remaining contents.

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**

Not available.

Other

WHMIS Not controlled under WHMIS (Canada). (Canada);DSCL (EEC) R40- Possible risks of irreversible effects.;Gloves.;Lab coat.;Dust respirator. Be sure to use an approved/certified respirator or equivalent.;Safety glasses.

Section 16: Other Information

Not available.