



## UTOX

**CHEMICAL NAME / FORMULA :**  
Titanium Dioxide/TiO<sub>2</sub>

**OTHER NAME :**  
Buff TiO<sub>2</sub> Pigment

**FORMATION :**  
Powder

### PROPERTIES:

<b>Appearance :</b> Buff Coloured Powder	<b>Bulk Density :</b> 0.9 gm/cc
<b>Average Particle size :</b> 1 micron	<b>Water Solubility :</b> 1 %
<b>Specific gravity :</b> 3.65 – 3.80	<b>Chemical Resistance :</b> To Acid

**INSTALLED CAPACITY**  
1,800 TPA

**INPUT**  
TiO<sub>2</sub> fines generated in Digester

**OUTPUT**  
Utox

### SPECIFICATIONS:

TiO <sub>2</sub> content : 92 % (min)	Iron as Fe <sub>2</sub> O <sub>3</sub> : 4 %
Oil Absorption PHR : 30 %	Moisture Content : 1 %
Loss on Ignition : 1.00 %	Colour Value : L : 80 (min) A : 4.0 (max) B : 18.0 (max)



### PACKAGING AND HANDLING

Material is packed in 25 kg capacity HDPE bags. Handling is to be done carefully to avoid generation of dust.



### MATERIAL SAFETY DATA

Given Overleaf



### END USERS

Paint Industry in all shades except pure white and a few bright shades.



## MATERIAL SAFETY DATA

NAME OF THE PRODUCT	Utox (Titanium Dioxide)
COMPOSITION / COMPONENTS	Pigment with 89-92% TiO <sub>2</sub> content
HAZARDS IDENTIFICATION	Non Hazardous
FIRST AID MEASURES	Eye-Flush eyes with generous amounts of Water for at least 15 mins. SKIN – Wash skin with mild soap and water. INGESTION – Give large quantities of water to induce vomiting. Get medical attention.
MEASURES FOR FIRE FIGHTING	Not Flammable.
MEASURES IN CASE OF UNINTENTIONAL RELEASE	Vacuum or use wet clean up techniques and place material in closed container. Avoid generating dusts. Wash thoroughly after handling and before eating and drinking.
HANDLING AND STORAGE	To be handled carefully avoiding spillages and creation of dust. Keep away from food Products. Keep container closed when not in use. Use with adequate ventilation.
EXPOSURE LIMIT AND STAFF PROTECTION EQUIPMENT	Use goggles or glasses and rubber or Leather gloves to avoid dusting.
PHYSICAL & CHEMICAL PROPERTIES	Pale yellow powder without odour
STABILITY AND REACTIVITY	Chemically Stable. Can react vigorously with Aluminium, Barium, Lithium, Magnesium, Ozone, Pottassium Hydroxide, Potassium Nitrate, Sodium Hydroxide etc.
INFORMATION OF TOXICOLOGY	Non-Toxic
INFORMATION ABOUT WASTE DISPOSAL	Not classified as hazardous waste. Hence no specific requirements for disposal. However, it must be in accordance with local regulations.
INFORMATION ABOUT TRANSPORT	No specific requirements. Transportable as general commodity in bags/containers.
STATUTORY REGULATORY INFORMATION	Shipping Name : Utox
OTHER INFORMATION	HS Classification No. : 282300 CAS No.013463677