

## DESCRIPTION

Utox is manufactured by recovering fine particles of Titanium Dioxide from leach liquor during the process of leaching of Ilmenite ore in the production of Synthetic Rutile

## CHEMICAL NAME & FORMULA

Buff Titanium Dioxide  
TiO<sub>2</sub>

## CHEMICAL FORMATION

Powder

## INPUT

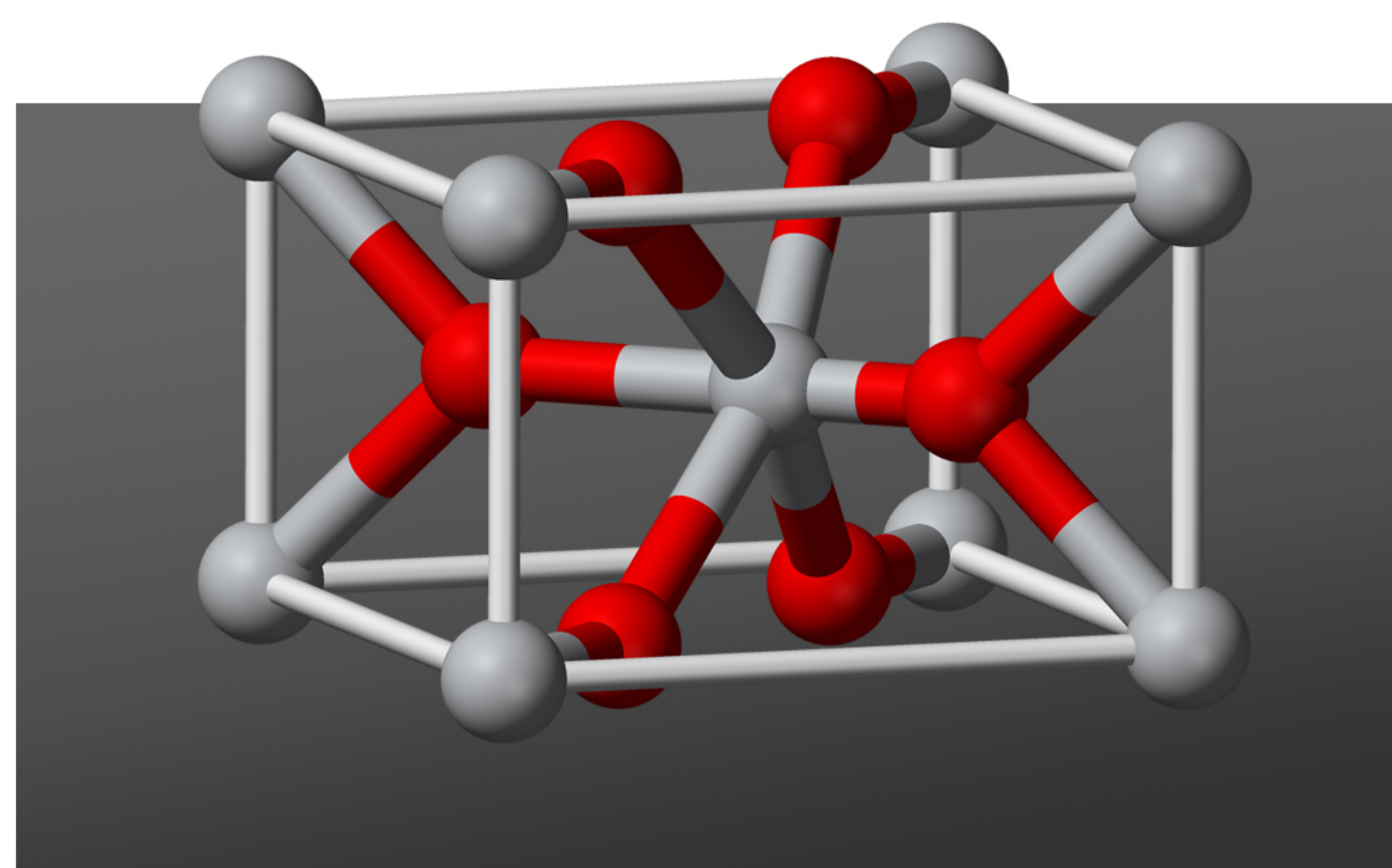
Leach Liquor

## OUTPUT

Utox

## APPLICATIONS

Used in the Pigment Industry.



## Product Properties

<b>Description</b>	Synthetic Rutile
<b>Appearance</b>	Pale Yellow Powder
<b>Corrosive</b>	No
<b>Flammability</b>	Not Flammable
<b>Solubility</b>	Not Soluble
<b>Boiling Point</b>	4532 to 5432 °F
<b>Melting / Freezing Point</b>	3326 to 3362 °F
<b>Specific Gravity</b>	3.60 to 3.80 at 25°C



## Product Specifications

Characteristics	Specifications (by percent)
Titanium Dioxide as TiO <sub>2</sub> (%)	90.00 min.
Total Iron as Fe <sub>2</sub> O <sub>3</sub> (%)	3.50 max.
Moisture at 100°C (%)	0.50 max.
Loss on Ignition at 800°C/1 hour (%)	1.00 max.
Silica (%)	5.00 max.

## Related Information

### PACKAGING & HANDLING

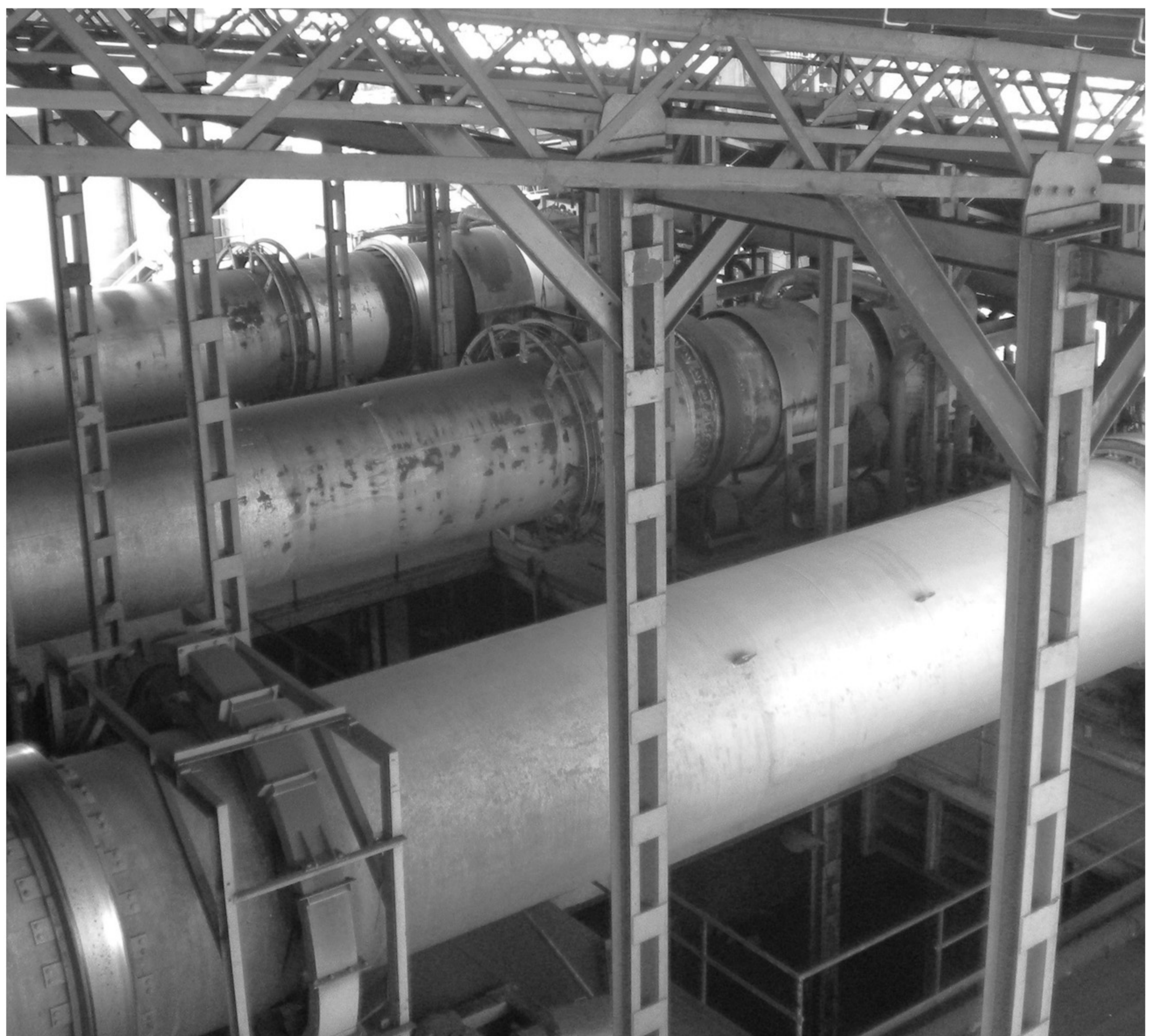
Material is packed in 25 kg capacity HDPE bags. Handling is to be done carefully to avoid generation of dust.

### TRANSPORT CLASSIFICATION

CAS No. 013 463 677  
ITC (HS) Classification No. 282300

### PRODUCT USAGES

Paint Industries





## Product Safety Data

<b>Name of Product</b>	Utox
<b>Composition / Components</b>	Pigment with 89-92% TiO <sub>2</sub> Content
<b>Hazard Identification</b>	Non Hazardous
<b>First Aid Measures</b>	<p><b>Eye:</b> Hold eyes open and rinse continuously with gentle stream of clean running water. Seek medical attention if irritation or soreness persists.</p> <p><b>Skin:</b> No specific aid. Remove contaminated clothing and wash off thoroughly with soap water.</p>
<b>Measures For Fire Fighting</b>	No firing property exists.
<b>First Aid Measures In Case Of Unintentional Release</b>	Vaccum or use wet clean up techniques and prace material in closed container. Avoid generating dusts. Wash thoroughly after handling and before eating and drinking.
<b>Handling &amp; Storage</b>	To be handled carefully avoiding spillages and creatin of dust. Keep away from food products. Keep container closed when not in use. Use with adequate ventilation.
<b>Exposure Limit &amp; Staff Protection Equipment</b>	<p>Use goggles or glasses.</p> <p>Use gloves to avoid dusting.</p>
<b>Physical &amp; Chemical Properties</b>	<p>Pale yellow powder without specific odour.</p> <p>Insoluble in water.</p>
<b>Stability &amp; Reactivity</b>	Material stable without reactivity.
<b>Information Of Toxicology</b>	Non-Toxic
<b>Information About Waste Disposal</b>	Not classified as hazardous waste. Hence no specific requirements for disposal. However it must be in accordance with local regulations.
<b>Information About Transport</b>	No specific requirements. Transportable as a general commodity in bags/containers.
<b>Statutory Regulatory Information</b>	Shipping Name: Utox
<b>Other Information</b>	<p>ITC (HS) Classification No. 282300</p> <p>CAS No. 013463677</p>