



Abhimanyu

Chemicals

Dyes, Textile, Industrial Chemicals & Minerals

Plot No. 6, Old Near Fire Station, B/h. Bank of Baroda, G.I.D.C. Pandesara,
Surat-394221. ✉ info@abhichem.co / abhimanyu_chem@rediffmail.com
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WiToxTM

MATERIAL SAFETY DATA SHEET (MSDS)

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Identification of the substance/preparation

- Product Name : WiTox
- Chemical Name : WiTox

Company

- Company Name : Abhimanyu Chemicals
- Address : Plot no.6 near old fire station B/H Bank of Baroda G.I.D.C. Pandesara, Surat.- 394221
- Telephone No. : 0261 2894005
- Email : abhimayu_chem@rediffmail.com
- Website : www.abhichem.co

2. HAZARDS IDENTIFICATION

Product is not considered to be hazardous in accordance with Directive 91/155/EC as amended.

- Physiochemical Effects : White Powder
- Human Health effects : Prolonged exposure with skin, eyes and respiratory tract may cause irritation.

3. COMPOSITION/INFORMATION ON IGREDIENTS

Ingredients	HSN Code
WiTox TM	2530

4. FIRST AID MEASURES

- **Inhalation** : Remove to fresh air. If breathing has ceased give artificial respiration. Obtain immediate medical attention.
- **Skin Contact** : Remove contaminated clothing and wash affected area with soap and water immediately. If irritation or redness occurs obtain immediate medical attention.
- **Eye Contact** : Remove contact lenses, if worn and rinse open eye with at least 15 minutes under running water and apply sterile protective bandage. Obtain medical attention immediately.
- **Ingestion** : NOTE: Never give anything by mouth if patient is unconscious. Do not induce vomiting. Rinse mouth with water and obtain immediate medical attention.
- **Other Information** : Treat symptomatically



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5. FIRE FIGHTING MEASURES

- **Suitable extinguishing media** : Dry chemical powder, appropriate foam, water spray or Carbon dioxide.
- **Unsuitable extinguishing media** : High pressure water jet
- **Special exposure hazards** : Product is considered not to be flammable. Danger of dust explosion. Sufficient measures must be taken to retain fire- control water and should not be allowed to enter drains or watercourses. Dispose of contaminated water and soil according to local regulations.
- **Special protective equipment** : A self-contained breathing apparatus and suitable protective clothing should be worn by fire fighters.

6. ACCIDENTAL RELEASE MEASURES

- **Personal precautions** : Mark out contaminated area with signs and prevent access to unauthorized personnel. Prevent inhalation or contact with skin or eyes by wearing suitable protective equipment (see section 8-personal protection). Eliminate all sources of ignition.
- **Environmental precautions** : Prevent any spillage from entering drains or water courses.
- **Methods for cleaning up** : Mechanically take up or sweep up the spillage. Avoid raising dust. Transfer to a suitable container for waste disposal. Ventilate area and wash spill site with plenty of water after material pickup is complete.

7. HANDLING AND STORAGE

- **Handling** : This substance should only be handled by trained personnel wearing suitable protective equipment (see section 8-personal protection). Avoid inhalation, skin, and eye contact. Avoid prolonged or repeated exposure to product. Avoid creating dust. Do not handle near open flame, sources of heat, static charge or ignition. Take precautionary measures against static discharge. All metal parts of the mixing and processing equipment must be earthed. Ensure all equipment is electrically earthed before beginning transfer operations. Good general ventilation is required. When using, do not eat, drink or smoke at the workplace.
- **Storage** : Store in closed bags or containers tightly closed and properly labelled. Store in cool, dry, and well-ventilated area. Do not store together with volatile chemicals as they may be adsorbed onto the product. Take precautions against static charge by ensuring good earthing of equipment, particularly in flammable environments.



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Exposure limit values** : OES: 6mg/m³ TWA Total dust; 3mg/m³ TWA Respirable Dust
- **Exposure controls** : Use process enclosure, local exhaust ventilation or other controls to minimize airborne levels of the product.
- **Occupational exposure controls** : Wear recommended personal protective equipment as detailed below:
- **Personal protection** : Chemical resistant gloves & safety glasses in some section of the production is must.
- **Respiratory protection** : Seek professional advice prior to respirator selection. Atmospheric level should be maintained below the exposure limit. If airborne concentration is high use mask or respirator.
- **Hand protection** : Wear chemical protective gloves.
- **Eye protection** : Wear safety glasses.
- **Skin protection** : Wear chemically protective clothing.
- **Work practices** : Eye wash facilities and a safety shower should be easily accessible. Before breaks and at the end of work thoroughly wash hands with soap and water and then apply protection cream. Wash contaminated clothing before reuse. Clean footwear before reuse.
- **Environmental exposure controls** : All necessary precautions must be taken to avoid release into the environment. Refer to Local, State or National Legislation for Environmental and Pollution control.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

- **Appearance** : Free flowing white powder
- **Odour** : Characteristic

Important health, safety and environmental information

- **pH** : 7.0 – 7.5
- **Boiling point/boiling range** : Approx. 2000°C
- **Flash point** : Not applicable
- **Flammability (solid, gas)** : Not determined



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- **Explosive properties** : Not determined
- **Oxidizing properties** : Not applicable
- **Vapour pressure** : Not applicable
- **Specific Gravity** : 2 ± 0.1
- **Solubility – water** : Not Soluble
- **Solubility – other** : soluble in 10% NaOH
- **Partition coefficient** : Not applicable
- **Viscosity** : Not applicable
- **Vapour density** : Not applicable
- **Evaporation rate** : Not applicable

Other information

- **Miscibility** : Not determined
- **Conductivity** : Not determined
- **Melting point/melting range** : Approx. 1800°C
- **Gas group** : Not applicable
- **Auto-ignition temperature** : Not determined

10. STABILITY AND REACTIVITY

- **Stability** : Stable under ordinary conditions of use and storage.
- **Conditions to avoid** : Keep away from direct sunlight, heat and sources of ignition.
Take precautionary measures against static charge
- **Materials to avoid** : Avoid contact with strong oxidizers.
- **Hazardous decomposition products** : No hazardous decomposition products under normal conditions of storage. Stable and inert product. May include oxides of carbon on burning. Hazardous polymerization products not reported.

11. TOXICOLOGICAL INFORMATION

Routes of exposure

- **Inhalation** : LC50 (1h) Rat: >0.139mg/l; may be irritating to the upper respiratory tract and mucous membranes.
- **Ingestion** : Not expected to be toxic by ingestion
- **Skin contact** : LD50 Rat: >1000mg/l; may be irritating to skin.
- **Eye contact** : Data not available; may be irritating to eyes.

Health-related end-points

- **Acute toxicity** : No further information available
- **Corrosivity/irritation** : No further information available
- **Sensitisation** : No further information available



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- **Repeated-dose toxicity** : No further information available
- **Mutagenicity** : No further information available
- **Carcinogenicity** : No further information available
- **Reproductive toxicity** : No further information available

To the best of our knowledge, the chemical, physical and toxicology properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

- **Aquatic toxicity** : Data not available
- **Other toxicity data** : Data not available
- **Impact on sewage treatment plants** : Data not available
- **Mobility** : Insoluble in water.

Persistence and degradability

- **Abiotic degradation** : Data not available
- **Biological degradation** : Data not available
- **Bioaccumulative potential** : Data not available
- **Other adverse effects** : Data not available. Do not discharge into drains, sewage system or watercourses.

13. DISPOSAL CONSIDERATIONS

- **Product & Contaminated Packaging** : In accordance with local, federal and state environmental regulations

14. TRANSPORT INFORMATION

- This product is not classified as dangerous for transport in accordance with CDG, IMDG, ADR, RID, ICAO/IATA.

15. REGULATORY INFORMATION

This product is not classified as dangerous for supply in accordance with Directive 91/155/EC as amended.

- **Classification and Labeling Danger Symbol** : -
- **Risk Phrases** : -
- **Safety Phrases** : S24/25 Avoid contact with skin / eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

16. OTHER INFORMATION

This information is furnished without warranty expressed or implied, except that it is accurate to the best of knowledge with M/s _____ the data on this sheet is related only to the specific material designated there in Abhimanyu Chemicals assumes no legal responsibility for use or reliance upon these data.

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