



Vetro Power Bacto Protect for Textiles

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : Vetro Power Bacto Protect for Textiles
Product code : -

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Vetro Power Bacto Protect for Textiles

1.3. Details of the supplier of the safety data sheet

ZYAX Chem LLP
3rd Floor, Kamer Building,
38 Cawasji Patel Street, Fort,
Mumbai - 400001, India.
Contact No: +91 8779240420
info@zyax.in - www.zyax.in

1.4. Emergency telephone number

Emergency number : +91 22 2757 3899

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification and labelling according to Directive 1272/2008/EC:
Aquatic Chronic 3; H412

2.2 Label elements

Classification according to 1272/2008/EC: Yes.

Applicable Exemptions: Yes.

Signal word(s): n.ap.

Component(s):

H - Phrases:

H412: Harmful to aquatic life with long lasting effects.

P - Phrases:

P102: Keep out of reach of children.

P262: Do not get in eyes, on skin, or on clothing.

P273: Avoid release to the environment.

P501: Dispose of contents/container to household waste.

Additional Markings:

The above mentioned labelling is valid for distribution to industrial user/ private consumer.

2.3 Other hazards

This mixture contains no substances which are assessed to be PBT or vPvB.

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances

n.ap.

Mixtures

Chemical Characterisation: Aqueous mixture of special additives

Dangerous Ingredients:

Material

| CAS - No. | Index - No. | EC - No. | REACH - No. | m% -range |
|------------------------------|-------------|----------|-------------|-----------|
| Hazard Code(s) / H - phrases | | | | |

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Triclosan
3380-34-5 604-070-00-9 222-182-2 n.av. 0,01 -
Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Aquatic Acute 1; H400 M=100 / Aquatic Chronic 1; H410 M=100 0,025%
Text of H - phrases: see section 16 m% - range: x – y x ≥ – < y

SECTION 4: FIRST AID MEASURES

- 4.1 Description of first aid measures
 - 4.1.1 Inhalation:
Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.
 - 4.1.2 Skin Contact:
Rinse with water.
 - 4.1.3 Eye Contact:
In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
 - 4.1.4 Ingestion:
Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting. Consult a physician.
- 4.2 Most important symptoms and effects, both acute and delayed
None known.
- 4.3 Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media
 - 5.1.1 Suitable Extinguishing Media:
Use dry chemical, CO₂, water spray or "alcohol" foam.
 - 5.1.2 Extinguishing Media to Avoid:
None.
- 5.2 Special hazards arising from the substance or mixture
In the event of fire the following can be released: Carbon oxides
- 5.3 Advice for firefighters
 - 5.3.1 Special Protective Equipment:
Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.
 - 5.3.2 Additional Information:
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
See chapter 8.2.2
Contaminated surfaces will be extremely slippery.
- 6.2 Environmental precautions
Do not contaminate water.
Local authorities should be advised if significant spillages cannot be contained.
- 6.3 Methods and material for containment and cleaning up
Soak up with inert absorbent material (e.g. sand, universal binder, sawdust).
Shovel into suitable container for disposal.
- 6.4. Reference to other sections
None.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling
 - 7.1.1 Precautions for Safe Handling:
 - Avoid contact with skin and eyes.
 - Take off all contaminated clothing immediately. Wash contaminated clothing before re-use.
 - When using, do not eat, drink or smoke.
 - Wash hands before breaks and at the end of workday.
 - 7.1.2 Precautions in Case of Fire and Explosion:
 - Normal measures for preventive fire protection.
- 7.2 Conditions for safe storage, including any incompatibilities
 - 7.2.1 Storage Instructions:
 - Keep container tightly closed in a dry and well-ventilated place.
 - Protect against freezing.
 - 7.2.2 Store away from:
 - Do not store together with strong oxidizing agents.
 - 7.2.3 Further Information on Storage Conditions:
 - None.
- 7.3 Specific end use(s)
 - n.av.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters Material Limit Value
- 8.2 Exposure controls
 - 8.2.1 Appropriate engineering controls
 - Provide appropriate exhaust ventilation at machinery.
 - 8.2.2 Individual protection measures
 - 8.2.2a Respiratory Protection: Not required under normal use
 - 8.2.2b Hand Protection: Not required under normal use.
 - Repeated or prolonged exposure: Protective gloves complying with EN 374.
 - Butyl-rubber (0,5 mm) break through time > 8 h
 - The data about break through time/strength of material are standard values!
 - The exact break through time/strength of material has to be obtained from the producer of the protective glove.
 - Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
 - 8.2.2c Eye Protection: In case of contact through splashing: safety glasses
 - 8.2.2d Skin Protection: None.
 - 8.2.2e Further Information: Observe wearing time limits:
 - 8.2.3 Environmental exposure controls:
 - n.av.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

9.1.1 Form: liquid Colour: colourless - light yellow Odour: odourless Odour threshold: n.av.

pH-value, undiluted: 4,5 - 5,5
 pH-value, 1% aqueous solution: n.av.
 Boiling point / Boiling - range (°C): ~ 100, Melting point / Melting range (°C): n.av.
 Flash point (°C): n.ap., closed cup
 Flammability (EEC A10/A13): No.
 Ignition temperature (°C): n.av.
 Autoflammability (EEC A16): None.
 Oxidising properties: No.
 Explosion hazard: No.
 Explosion limits (Vol.%) lower: n.av., upper: n.av.
 Vapour pressure: n.av.
 Vapour density (Air = 1): n.av.
 Density (g/ml): ~ 1
 Solubility (in Water): miscible
 Partition coefficient, n-Octanol / Water: n.av.
 Viscosity: n.av.
 Solvent content (m %): Not relevant
 Thermal decomposition (°C): n.av.
 Evaporation rate: n.av.
 Other information
 n.av.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
 None.

10.2 Chemical stability
 Stable under normal conditions.

10.3 Possibility of hazardous reactions
 No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid
 No conditions to be specially mentioned.

10.5 Incompatible materials
 Incompatible with oxidizing agents.

10.6 Hazardous decomposition products
 No decomposition if stored and applied as directed.
 To avoid thermal decomposition, do not overheat.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Health Effects:

| | |
|------------------------------------|--------|
| Inhalation: | n.av. |
| Ingestion: | n.av. |
| Skin Contact: | n.av. |
| Skin corrosion / irritation: | Slight |
| Serious eye damage / irritation: | Slight |
| Respiratory or skin sensitisation: | None |
| Germ cell mutagenicity: | n.av. |
| Carcinogenicity: | n.av. |
| Reproductive toxicity: | n.av. |
| STOT-single exposure: | n.av. |
| STOT-repeated exposure: | n.av. |
| Aspiration hazard: | n.av. |

11.1.1 Practical Experience

11.1.11 n.av.

11.1.12 Practical Experience

Observations relevant for classification:

None.

Further Observations:

None.

Classification of the preparation has been done by calculation in accordance with EEC directives.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

We have no quantitative data concerning the ecological effects of this product.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Triclosan: EC50/72h/algae (*Desmodesmus subspicatus*) = 0,0016 mg / l

12.2. Persistence and degradability

No data is available on the product itself.

The product is partially biodegradable. Substantial residues remain.

12.3. Bioaccumulative potential

n.av.

12.4. Mobility in soil

n.av.

12.5. Results of PBT and vPvB assessment

n.av.

12.6. Other adverse effects

COD-Value, mg/g: n.av.

BOD5-Value, mg/g: n.av.

AOX-Remarks: Not applicable.

Significant Components: Triclosan

Other adverse effects: Not applicable.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Recommendation: D 10 Waste - Code - No.:

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

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In addition comply with the regional authorities.

13.2 Contaminated Packaging

13.2.1 Recommendation: Wash with suitable cleaner. Otherwise as described under Residues.

13.2.2 Safe Handling: As described under Residues.

SECTION 14: TRANSPORT INFORMATION

| | ADR | IMDG | IATA |
|------|---|----------------------|------|
| | Not a dangerous substance as defined in the above regulations. | | |
| 14.1 | UN number | | |
| 14.2 | UN proper shipping name | | |
| 14.3 | Transport hazard class(es) | | |
| 14.4 | Packing group | | |
| 14.5 | Environmental hazards | | |
| 14.6 | Special precautions for user | | |
| | Transport category: | Packing Instructions | |
| | Classification Code: | (Passenger) | |
| | Hazard - No.: | Packing Instructions | |
| | LQ: | (Cargo) | |
| 14.7 | Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | | |

SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
n.av.
- 15.2 Chemical safety assessment :
n.ap.

SECTION 16: OTHER INFORMATION

Text of H phases mentioned in Section 3

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H410: Very toxic to aquatic life with long lasting effects.

This datasheet has been compiled in accordance with EU regulation 2015/830.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.