



## MATERIAL SAFETY DATA SHEET

All the information on this sheet relates to the concentrated product only, in use dilution will decrease any possible hazard significantly.

**Manufactured by:**

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1. Identification	Enviro-Tabs Food Processing Treatment tablets 140g
A. Common Uses	Aerobic bacteria water treatment for use in commercial, industrial, institutional and domestic water systems to remove fats/oils/greases, remove bad odours and improve water quality
2. Composition	A solid tablet blend of: Sodium Salts - Alkaline Package Non-Pathogenic Bacterial Strains Nutrients & Binders
A. Hazardous Components	n/a
3. Hazards Identification	Persons with known severe respiratory disorders should avoid inhalation of any powder created. Could be harmful if swallowed.
4. First Aid Measures	Immediate medical attention is required in case of exposure by inhalation, contact with skin or eyes, or if swallowed.
<b>Exposure Route</b>	<b>Inhalation.</b>
Symptom	Prolonged or repeated inhalation of dust, may irritate the respiratory tract
Treatment	Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete seek medical attention.
<b>Exposure Route</b>	<b>Skin Contact</b>
Symptom	Prolonged or repeated exposure may cause irritation and discomfort
Treatment	Drench the skin with plenty of water for 15 minutes; use a mild soap if available. Remove contaminated clothing and wash before reuse. If large areas of the skin are damaged or if irritation persists seek medical attention.
<b>Exposure Route</b>	<b>Eye Contact</b>
Symptom	Prolonged or repeated exposure may cause irritation and pain
Treatment	Remove any contact lenses and irrigate thoroughly with

<p><b>Exposure Route</b> Symptom Treatment</p>	<p>water for at least 15 minutes. Obtain medical attention. <b>Ingestion</b> Irritation of gastrointestinal tract, nausea, diarrhoea Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. If patient feels unwell seek medical attention. Immediate Treatment / Antidote: symptomatic treatment Delayed Effects: bacterial infection</p>
<p>5. Fire Hazard &amp; Fire Fighting Procedures</p>	<p><b>Suitable Extinguishers:</b> water <b>Unsuitable Extinguishers:</b> <b>Hazardous Combustion Products:</b> None Known. Large dust accumulations can be explosive, similar to a grain dust explosion. <b>Special Equipment for Fire Fighting:</b> self contained breathing apparatus</p>
<p>6. Accidental Release Measures</p>	<p><b>Personal Precautions:</b> Wear appropriate PPE - See section 8 <b>Environmental Precautions:</b> The bacteria and carriers are naturally occurring and do not pose an environmental risk. <b>Clean up Procedure:</b> If dry, vacuum or dry sweep spilled material and place in closed plastic bags for disposal. If wet, place wet material in a drum or bucket lined with a plastic bag. The bag should not be tightly closed. Allow the bag to aerate for 24 hours before disposal. Disposal bag should be pin holed near the top to avoid bursting if carbon dioxide or oxygen gas is evolved. Wash spill site with water. If bacterial contamination is an issue use chlorine to kill the bacillus spores.</p>
<p>7. Handling &amp; Storage</p>	<p><b>Handling Ventilation:</b> Good general ventilation. Recommended procedures &amp; equipment: avoid creating dust <b>Storage</b> Store in a dry area. Keep away from: See section 10 <b>Suitable storage Media:</b> original container with closed lid <b>Precautions against static discharge:</b> Do not transfer material into flammable solvents. Ground all equipment that handles solid or powdered product to avoid sparks.</p>
<p>8. Exposure Controls &amp; Personal Protection</p>	<p><b>Exposure Limits:</b> 8-Hour Time Weighted Average (TWA): 15-minute Short-Term Exposure Limit (STEL) <b>OSHA:</b> 6 mg/m<sup>3</sup> (total dust) TWA. 29 CFR 1910.1000 (Rev. 3/1/89). <b>ACGIH:</b> 10 mg/m<sup>3</sup> (total amorphous dust) TWA. 3 mg/m<sup>3</sup> (respirable nuisance particulate) TWA. <b>Personal Protective Equipment:</b> Respiratory: NIOSH approved dust filter respirator for exposure above permissible exposure limits. Respiratory protection programs must be in accordance with 29 CFR 1910.134 <b>Hand:</b> Wash hands after use. Gloves recommended <b>Eye:</b> Safety glasses or goggles recommended.</p>

	<p><b>Skin:</b> Wash after exposure. Boots, aprons, or chemical suits should be used when necessary to prevent skin contact. Personal protective clothing and use of equipment must be in accordance with 29 CFR 1910.132 (general requirements), .133 (eye and face protection, and .138 (hand protection).</p> <p><b>Environmental controls:</b> Users should be aware of environmental considerations and their duties under the environmental protection act. Do not place the product into potable water.</p> <p><b>Hygiene Measures:</b> Always wash thoroughly after handling chemicals.</p>
9. Physical & Chemical Properties	<p><b>Appearance:</b> Tan colour tablet</p> <p><b>Odour:</b> Slight</p> <p><b>pH:</b> 8.0 (5% suspension)</p> <p><b>Boiling point/range:</b> NA</p> <p><b>Melting point/range:</b> NA</p> <p><b>Flash point:</b> NA</p> <p><b>Specific gravity:</b> NA</p> <p><b>Physical state:</b> Powder</p> <p><b>Solubility:</b> Water Soluble</p>
10. Stability & Reactivity Data	<p><b>Stability:</b> Stable under normal storage and handling conditions. Keep away from moisture when storing. Keep away from combustible solvents.</p> <p><b>Conditions/Materials to avoid:</b> Accumulations of product in enclosed spaces and generation of dust. High temperatures (&gt;200°C) treatment or calcining). Avoid alteration of product properties before use.</p> <p><b>Hazardous decomposition products:</b> None known</p>
11. Toxicological Information	<p><b>Toxological effects:</b> Low Acute oral toxicity although ingestion may cause irritation of the gastrointestinal tract and may result in nausea and diarrhoea. May cause mild mechanical irritation to eyes, skin and mucous membranes. May cause irritation from allergic reaction, especially to people that have a history of allergic reactions.</p>
12. Ecological Information	<p><b>Environmental Effects:</b> N/A</p> <p><b>Bio-accumulative potential:</b> N/A</p> <p><b>Aquatic Toxicity:</b> N/A</p>
13. Disposal Considerations	<p><b>Substance:</b> Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.</p> <p><b>Container:</b> As substance.</p>
14. Transportation Information	Not dangerous for transportation
15. Regulatory Information	<p><b>Label Name:</b> Enviro-Tabs Food processing Treatment tablet 140g</p> <p><b>Symbols:</b> Irritant </p> <p><b>Risk Phrases:</b> 8 - Contact with combustible material may cause fire. 36/38 - Irritating to eyes and skin.</p>



	<p><b>Safety Phrases:</b>          2 Keep out of reach of children          3 Keep in a cool place.          8 Keep container dry.          17 Keep away from combustible material.          24/25 Avoid contact with skin and eyes.          26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  <b>DSCL (EEC):</b> This product is not classified according to EU regulations. Not applicable.</p> <p>Protective Equipment: (Non-toxic/Non-caustic)          Gloves and eye protection recommended.</p>
16. Other Information	<p>This material must not be used for direct contact with food: Wash hands thoroughly after handling.  <b>Legal Disclaimer:</b> The above information in this MSDS was obtained in accordance with the requirements of Chemicals (Hazard Information &amp; Packing) Regulations. The product should not be used for any purpose other than a stated on the label without obtaining specific written instructions from the Distributor's offices.          HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESSED OR IMPLIED, REGARDING ITS CORRECTNESS. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, OR USE OF THIS PRODUCT.          Further details may be available upon request from our offices.</p>