



Sales and Marketing of Natural Biocide Formulations

PROTECTOL PREMIUM

Specifically formulated for use in the Sanitizing and Deodorising of Domestic Waste Bins.

Product: NATROX™PROTECTOL - Specifically formulated for Sanitizing and Deodorising Waste.

Description: The product is a Non Toxic, Deodoriser with anti microbial properties with the dual function to neutralise bad odours whilst killing the bacteria associated with animal waste and general refuse waste. The product is formulated as a multi-blend of specially selected organic acids and natural anti microbial agents which have been selectively extracted from botanical extracts.

The Product:

- Non Toxic
- Non Combustible
- Harmless to animals, humans and the environment
- Is not susceptible to deterioration in activity due to pathogen mutation
- Is highly effective in breaking down biofilm

How the product works:

On contact with animal and general waste the sanitising actives incorporated in the absorbent are slowly released and begin a vigorous dissolution activity of bacteria whilst nullifying noxious smells.

Packaging:

- 1000gm "Easy to Use" dispenser
- 10kg Poly Tub.

Fragrances:

Product is available with Minty or Lavender fragrances.

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION AND SPECIFICATION

Product Description: NATROX™ PROTECTOL

Product Code: NPPTL005, NPPTL010 (500gm, 10kg)

1 COMPOSITION AND INFORMATION ON COMPONENTS

| | | |
|-----------------------|------------|------------------------------|
| Components: | Sepiolite | Natural Clay Absorbent |
| | Natrox™ FC | Natural Anti Microbial Agent |
| Concentration: | Natrox™ FC | 5% |

EINECS No:

CAS No:

Hazard: Not identified as a health hazard under current legislation

Risk Phases:

1. HAZARDS IDENTIFICATION

This product is not identified as a health hazard under current legislation

2. FIRST AID MEASURES

Eyes: Immediately flush eye with eye-wash solution or clean water for at least 10 minutes

Skin: If irritation occurs wash the affected area with plenty of water

Ingestion: Get medical attention. Drink copious amounts of water

Inhalation: not applicable in normal applications. As a precaution remove patient to fresh air and if necessary seek medical advice.

3. FIRE FIGHTING MEASURES

Extinguishing Media: Product is non-combustible

Special Hazards: None

4. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear rubber gloves if prolonged contact with product.

Environmental precautions: No particular/specific measures required. However do not dispose of down drains or into the natural environment

Spillage treatment:

Small spillage: Flush small quantities to foul sewer. Note: consent to discharge trade effluent into the foul sewer **must be** obtained from the **Local Water Authority**.

Large spillage: Contain with sand or earth. Sweep up and place in suitable container for transfer to an approved **Local Authority** tip.

5. HANDLING AND STORAGE

| | |
|-------------------|--|
| Handling: | Avoid contact with skin or eyes and inhalation of dust. |
| Storage: | Store in a cool dry area. |
| Packaging: | Supplied in 1kg (1000gm) dispenser or 10kg approved plastic containers |

6. EXPOSURE CONTROLS AND PERSONAL PROTECTION

| | |
|-----------------------------|--|
| General: | No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety. Avoid contact with eyes, skin or clothes. |
| Personal Protection: | The following personal protective equipment should be provided |
| Skin protection: | Protective overalls/shoes if required |
| Hand protection: | Impervious gloves if required |
| Eye protection: | Chemical safety goggles if required |

7. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-------------------------|---|
| Appearance: | Free flowing white to pale brown colour powder. |
| Odour: | Minty or Lavender |
| Density: | 1.027-1.040 |
| pH 10% Solution: | 5.0 – 6.0 |
| Solubility: | Miscible with water |

8. STABILITY AND REACTIVITY

| | |
|-----------------------------|---|
| Stability: | Stable under normal storage conditions |
| Conditions to avoid: | Protect from frost |
| Material to avoid: | Avoid contact with oxidising agents. |
| Decomposition: | CO ₂ + H ₂ O (Carbon Dioxide + Water) |

9. TOXICOLOGICAL INFORMATION

| | |
|------------------------|--|
| Acute Toxicity: | Non Hazardous substance if used correctly. |
| Eyes: | Mild irritation on contact. Unlikely to cause eye damage |
| Skin: | No known effects |
| Ingestion: | No known adverse effects |
| Inhalation: | No known effects |

10. ECOLOGICAL EFFECTS

| | |
|-----------------------|---------------------------------------|
| Mobility: | Product dissolves completely in water |
| Degradability: | Product is above 98% biodegradable |
| Accumulation: | None known |
| Eco-toxicity: | May be harmful due to reduction in pH |

11. DISPOSAL

Local Authority may accept sweeping or arrange disposal by a licensed contractor or dispose of in accordance with regulations. Wear appropriate protective clothing. Soak up with sand or earth and remove to suitable container for transfer to an authorised tip. Disposal should be in accordance with waste disposal or water authority regulations.

12. TRANSPORT INFORMATION

UN No: Not classified

Hazard class: Not classified

Packaging group: Not classified

Only transport in original containers in upright position. Never remove containers from cardboard containers before transporting. Unless containers are palletized never transport stacked more than 2 high.

13. REGULATORY INFORMATION

Chemicals (hazard information and packaging for supply)
Regulations 1996 classification: Non Hazardous

Risk phrases: S36 Irritating to eyes and skin

Safety phases: S26 In case of contact with eyes and skin, rinse with plenty of water and seek medical advice.

Use of this product may be governed by the following;
Chemical Hazard Information and Packaging Regulations 1996
Carriage of Dangerous Goods by Road and Rail (C.P.L) Regulation 1996
Control of Substances Hazardous to Health Regulations 1996

14. OTHER INFORMATION

This product is a no hazardous, non toxic sanitizer and deodorizer for use in the health and associated industries.

Natural Preserves has used every possible care in compiling, preparing and issuing this information. Private and Public users, using this product must nevertheless satisfy themselves of the suitability of the material having regard to all relevant obligations therewith, whether under the Food Safety Act, Feeding Stuffs Regulations, Health & Safety at Work Act, Control of Substances Hazardous to Health Regulations 1996 or any other relevant legislation or common law requirement.

The information contained in this publication is based on our own research and development work and is to the best of our knowledge reliable. Users should, however, conduct their own tests to determine the suitability of our product for their own specific purposes. Statements contained herein should not be considered as a warranty of any kind, expressed or implied and no liability is accepted for the infringement of any patents.



Sales and Marketing of Natural Biocide Formulations

**Natural Preserves Limited,
Unit 10, Business Centre, Eanam Wharf, Blackburn, Lancashire BB1 5BL United Kingdom
Tel: +44 (0)1254 678703 Mobile: +44 (0)7918 759577
E-mail:info@naturalpreserves.co.uk WWW: www.naturalpreserves.co.uk**

Company Registration Number: 6161556 VAT Registration Number: 919 6868 62