



SAFETY DATA SHEET

1. IDENTIFICATION AND COMPANY IDENTIFICATION

Product Name: Microban BotaniPure
Product Use: Detergent, disinfectant, deodorizer
Supplier: ProRestore Products
 1015 Greentree Road; Suite 115
 Pittsburgh, PA 15229 U.S.A.
Information: 800-932-3030

Emergency **Infotrac: (800) 535-5053**
Product code: F1172
Recommended Use: Disinfectant, Deodorizer, Cleaner

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Principle routes of exposure: Eye contact. Skin contact. Inhalation. Ingestion

Potential Health Effects

Acute toxicity

Eyes: May cause irritation with direct contact.

EPA toxicity category for ocular irritation is Class IV –no irritation

Skin Not irritating to the skin.

Inhalation May cause irritation, not expected when used as directed.

Ingestion Ingestion of large quantities may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Effects No known effect based on information supplied.

Aggravated Medical Conditions Preexisting eye disorders. Skin disorders. Respiratory disorders.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %
Thymol	89-83-8	0.051

WHMIS INGREDIENT DISCLOSURE LIST – No ingredients above reportable quantities

4. FIRST AID MEASURES

General advice Show this material safety data sheet to the doctor in attendance. When symptoms persist or in all cases of doubt seek medical advice.

Eye contact Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician if irritation develops or persists.

Skin contact Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. Use a mild soap if available. Call a physician if irritation develops or persists. If skin irritation persists, call a physician.

Inhalation No specific first aid measures are required

Ingestion No specific first aid measures are required.

Notes to physician ALL TREATMENTS SHOULD BE BASED ON OBSERVED SIGNS/SYMPTOMS OF DISTRESS IN THE PATIENT. THE POSSIBILITY OF OVEREXPOSURE TO MATERIALS OTHER THAN THIS PRODUCT SHOULD BE CONSIDERED

5. FIRE FIGHTING MEASURES

Flammable Properties: Not Flammable Liquid

Flash point: (Pensky-Martens Closed Cup) None to boiling

Suitable extinguishing media: Suitable to origin of fire.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Use appropriate containment to avoid environmental contamination. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Keep in suitable and closed containers for disposal. Use a water rinse for final clean-up

7. HANDLING AND STORAGE

Handling Procedures: Do not contaminate food, feed, or water by storage or disposal. No special handling requirements.

Storage Requirements: Keep container closed when not in use. Store at room temperature. Keep from freezing. Keep out of reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures: None normally required. No special ventilation requirements.

Personal Protective Equipment:

Hand Protection None required.

Eye/Face Protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Respiratory protection None required.

Hygiene measures: When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state Liquid

Odor Aromatic, slightly citrus

Color Clear slightly hazy liquid

Explosive properties no data available

Other information

Volatile organic compounds (VOC) content: <.025%

Melting/freezing point: As water

Property Values

Microban botanipure_sds_whmis.doc

pH 3.5 ± 0.5
Boiling point/boiling range over 212 F
Flash Point None to Boiling
Evaporation rate no data available, as water
Vapor density no data available
Specific Gravity (water =1) 0.99 -1.01
Water solubility Soluble in water

10. STABILITY AND REACTIVITY

Stability/Reactivity Stable under recommended storage conditions.
Incompatible products None known based on information supplied.
Conditions to Avoid None known based on information supplied.
Hazardous Decomposition Products None
Hazardous Polymerization Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Oral LD50 (rat) > 5 g/kg body weight
 Dermal LD50 (rabbit) > 5 g/kg body weight
 Inhalation LC50 (of 256 concentrate) > 5.65 mg/liter for 4 hours

Carcinogens: No ingredients are listed by OSHA, IARC, or NTP as known or suspected carcinogens

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Toxicity to algae	Toxicity to Fish	Toxicity to daphnia and other aquatic invertebrates	Toxicity to microorganisms	Toxicity to other organisms

Persistence and degradability: No known or expected environmental concerns
Bioaccumulative potential No known or expected environmental concerns.
Mobility No known or expected environmental concerns.
Other adverse effects No known or expected environmental concerns.

13. DISPOSAL INFORMATION

IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS.

14. TRANSPORTATION INFORMATION

DOT Not Regulated as Dangerous Goods
TDG Not Regulated as Dangerous Goods
MEX Not Regulated as Dangerous Goods
IATA Not Regulated as Dangerous Goods
IMDG Not Regulated as Dangerous Goods
Marine pollutant This product is not a marine pollutant according to IMDG/IMO

15. REGULATORY INFORMATION

HMIS CLASSIFICATION (H, F, R, PE): 0,0,0, NONE
WHMIS Classification (Canada): **Non-Hazardous** under **WHMIS**

International Inventories

TSCA All components of this product are on the TSCA inventory
DSL All components are listed

U.S. Federal Regulations

SARA – Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 – No ingredients above reportable quantities.

Microban botanipure_sds_whmis.doc

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Toxic Substances Control Act (TSCA) – All the ingredients are listed

California Proposition 65 – No ingredients listed.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40CFR 122.42).

CERCLA

This material, no substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

International Regulations

Canada

This product when tested as a whole is not a controlled substance within the meaning of the Hazardous Products Act. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contain all the information required by the Controlled Products Regulations.

16. OTHER INFORMATION

NFPA	Health hazard 0	Flammability 0	Stability/Reactivity 0	Physical and chemical hazards 0
HMIS	Health Hazard 0	Flammability 0	Physical Hazard 0	Personal protection None

Prepared By
Revision Date

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Material Safety Data Sheet