

MATERIAL SAFETY DATA SHEET

PRESCRIPTION TREATMENT® brand VECTOR® BIO-5 Multi-Purpose Drain Cleaner

EMERGENCY PHONE NUMBERS:

MEDICAL: 800-225-3320 (PROSAR)

TRANSPORTATION: 800-424-9300 (CHEMTREC)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: PRESCRIPTION TREATMENT® brand VECTOR® BIO-5 Multi-Purpose Drain Cleaner
EPA Reg. No.: NA
PMRA Reg.No.: NA
Product Code: 20-1004 (U.S.) - 12 x 1 Quart
20-1004-1 (Canada) - 12 x 1 Litre
Distributed by: Whitmire Micro-Gen Research Laboratories, Inc.
3568 Tree Court Industrial Blvd.
St. Louis MO 63122-6682

INGREDIENTS

Proprietary Mixture

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Material	OSHA PEL		ACGIH TLV	
	STEL	TWA	STEL	TWA
Proprietary Mixture	NE	NE	NE	NE

SECTION 3. HAZARDS IDENTIFICATION

SIGNS/SYMPTOMS OF EXPOSURE

Can cause irritation of mouth, pharynx and stomach if ingested. May cause slight redness of skin, dermatitis and/or skin sensitization after repeated or prolonged skin contact. Mist may irritate nasal passages.

HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of sulfur and nitrogen.

SECTION 4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor or going for treatment. Describe any symptoms and follow the advice given.

Ingestion: Induce vomiting only if advised by physician.

Eye Contact: Flush with copious amounts of water for at least 15 minutes and have eyes examined and treated by medical personnel.

Skin Contact: Remove contaminated clothing, wash with soap and water.

Inhalation: Remove to fresh air.

Medical Conditions Generally Aggravated by Exposure: Dermatitis.

SECTION 5. FIRE FIGHTING MEASURES

FIRE AND EXPLOSION

Flash Point: NE

Flammable Limits in Air (% by volume):

Lower (LEL) = NE Upper (UEL) = NE

UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

None.

IN CASE OF FIRE

Extinguisher Media: CO₂, Dry Chemical, H₂O.

Special Fire Fighting Procedures: Use self-contained breathing apparatus and protective clothing when fighting fires.

SECTION 6. ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL OR LEAK

If container begins to leak (through puncture, etc.), use absorbent material to collect and contain for salvage or disposal. Ventilate area. This product contains no Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) listed chemicals. Releases of this product are not reportable to the National Response Center.

Emergency Telephone Number of Chemtrec: (800) 424-9300 (for transportation spills)

PROTECTIVE EQUIPMENT

Eyes: Wear protective goggles.

Skin: Wear rubber gloves. (Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.)

Inhalation: If working in enclosed spaces, wear a NIOSH approved respirator with any N, R, P or HE prefilter.

WASTE DISPOSAL METHOD

Full or leaking containers should be taken to a local disposal company for biological treatment or incineration. Whitmire Micro-Gen suggests that all Local, State, and Federal regulations concerning health and pollution be reviewed to determine approved disposal procedures. Do not contaminate water, food or feed by storage or disposal.

SECTION 7. HANDLING AND STORAGE

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Keep out of reach of children. CAUTION – Avoid contact with eyes. May cause eye and skin irritation after prolonged or repeated exposure.

Harmful if swallowed. Wash hands thoroughly after handling.

OTHER PRECAUTIONS

Follow good housekeeping and hygiene practices to help prevent accidental exposure or ingestion.

STORAGE

Store in a cool, dry location. Avoid prolonged exposure to high or low temperatures and humidity. Avoid temperatures above 110°F (43°C) and keep from freezing.

SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Respiratory Protection: None required under normal conditions. If a respirator is desired, wear a NIOSH approved respirator with any N, R, P or HE prefilter.

Protective Gloves: Rubber.

Eye Protection: Goggles.

Other Protective Equipment: None required.

VENTILATION

Local Exhaust: Required.

Mechanical: None required.

Special: None required.

Other: None required.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Green liquid. **Odor:** Perfumed.
pH: 7.0 - 7.8 **Vapor Pressure:** NE
Viscosity: NE **Vapor Density:** NE
Boiling Point: > 100°C **Freezing/Melting Point:** NE
Solubility in Water: 99% **Specific Gravity:** 1.0 (H₂O = 1)

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY

Stability: Stable under normal conditions.
Conditions to Avoid: Avoid prolonged exposure to high or low temperatures and humidity. Avoid temperatures above 110°F (43°C) and keep from freezing.
Incompatibility (Material to Avoid): Oxidizing agents, strong acids or alkali compounds may inactivate biological cultures.
Hazardous Polymerization: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of sulfur and nitrogen.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE

Eyes: Eye contact is painful and irritating and may cause burns.
Skin: Skin contact may cause slight redness on hands and forearms of dermal allergic reaction. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact with human skin. Organisms used are non-pathogenic but can cause infection when in contact with open wounds.
Ingestion and Inhalation: Irritation of the mouth, pharynx, esophagus and stomach can develop following ingestion. Mist caused by manufacturing operation may irritate nasal passages.

CHRONIC / CARCINOGENICITY

This product is NOT classified as a carcinogen by the National Toxicity Program (NTP), the International Agency for Research on Cancer (IARC) or the Occupational Safety and Health Administration (OSHA).

SECTION 12. ECOLOGICAL INFORMATION

Not available.

SECTION 13. DISPOSAL CONSIDERATION

Do not contaminate water, food or feed by disposal.

Container Disposal: Dispose of container in accordance with all Federal, state and local regulations. Empty container by using product according to label directions. When container is empty, discard in trash.

Waste Disposal: Disposal of this product or its residues must be in accordance with all local state and Federal requirements.

SECTION 14. TRANSPORT INFORMATION

DOT CLASSIFICATION

Not regulated.

INTERNATIONAL TRANSPORTATION

Not regulated.

SECTION 15. REGULATORY INFORMATION

CERCLA

This product contains the no CERCLA listed chemicals.

TSCA

All components of this product are listed or excluded from listing on the US Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

FIFRA

This product does not contain any pesticides and is therefore not subject to the registration requirements of U.S. Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

PEST CONTROL PRODUCT ACT

This product is not subject to the registration requirements of the Pest Control Product Act.

SECTION 16. OTHER INFORMATION

NFPA HEALTH RATING INFORMATION:

HEALTH - 1
FLAMMABILITY - 0
REACTIVITY - 0

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein.

Questions concerning the safe handling of the product should be referred to the Whitmire Micro-Gen Customer Service Department at 800-777-8570.

NA - Not Applicable
NE - Not Established
PEL - Permissible Exposure Limit
TLV - Threshold Limit Value
STEL - Short Term Exposure Limit (15 min.)
TWA - Time Weighted Average (8 hrs)



WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.

WMG Part No. 19-0098-2
Effective Date: 9/7/01
Supersedes Revision Dated: 4/19/00
Code #: NA