

MATERIAL SAFETY DATA SHEET

Transportation and Medical Emergency Phone: **1-800-535-5053 (INFOTRAC)**

General Phone: 317-580-8282



EPA Registration Number: 70051-19-67690

Revision Date: 3/16/2012

Preferal*

SePRO Corporation Carmel, IN 46032-4565

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: Preferal*

COMPANY IDENTIFICATION:

SePRO Corporation

11550 North Meridian Street, Suite 600

Carmel, IN 46032-4565

www.sepro.com

Information Phone:

317-580-8282 (Mon – Fri, 8 am to 5 pm EST)

2. HAZARDOUS IDENTIFICATIONS

EMERGENCY OVERVIEW

CAUTION. This product is a yellow/brown granular material intended for use as a pesticide to control insects in greenhouses, nurseries, and interior crops. This product should pose no health concerns through normal use in accordance with label directions.

EMERGENCY PHONE NUMBER: 1-800-535-5053

POTENTIAL HEALTH EFFECTS

Potential Health Effects

ROUTE(S) OF ENTRY:

Eyes, skin, oral, inhalation

HUMAN EFFECTS AND

SYMPTOMS OF OVEREXPOSURE:

None noted

ACUTE EYE CONTACT:

May cause mild, reversible irritation.

CHRONIC EYE CONTACT:

Chronic exposure not likely from normal use.

ACUTE SKIN CONTACT:

No acute toxicity or pathogenicity. May cause mild, reversible skin irritation.

CHRONIC SKIN CONTACT:

Chronic exposure not likely from normal use.

ACUTE INGESTION:

No acute toxicity, infectivity, or pathogenicity.

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CHRONIC INGESTION: Chronic exposure not likely from normal use.

ACUTE INHALATION: No acute toxicity, infectivity, or pathogenicity.

CHRONIC INHALATION: Chronic exposure not likely from normal use.

CARCINOGENICITY

NTP: N/A

IARC: N/A

OSHA: N/A

MEDICAL CONDITIONS

AGGRAVATED BY EXPOSURE: None noted

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component Name</u>	<u>CAS #</u>	<u>% by Wt.</u>
<i>Paecilomyces fumosoroseus</i> Apopka Strain 97	N/A	20

4. FIRST AID MEASURES

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. Call a poison control center or doctor for treatment advice if irritation persists.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth-to-mouth. Call a poison control center or doctor for further treatment advice.

IF SWALLOWED: Ingestion, though not advised, should pose no danger. Seek medical attention if any adverse effects are noted.

5. FIRE FIGHTING MEASURES

NFPA HAZARD CLASSIFICATION:

HEALTH HAZARD 0

FIRE HAZARD 0

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REACTIVITY 0

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, alcohol or polymer foam

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SPECIAL FIRE FIGHTING PROCEDURES..... : None

6. ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Use gloves, eye protection, and dust mask during clean up. Sweep up and place in suitable container for disposal.

7. HANDLING AND STORAGE

STORAGE TEMPERATURE (MIN. / MAX.): 32/95°F 0/35 °C

SHELF LIFE: Stable for upwards of 1 year in cool (refrigerated), dry conditions. Stable for 3 months at room temperature.

SPECIAL SENSITIVITY: Avoid high temperatures. Keep package tightly sealed. Do not allow contents to get wet.

HANDLING & STORAGE PRECAUTIONS Store in cool, dry conditions separately from feed and foodstuffs.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION REQUIREMENTS: Use safety goggles and/or face shield when handling

SKIN PROTECTION REQUIREMENTS: Use waterproof gloves when handling

RESPIRATORY / VENTILATION REQUIREMENTS: Provide local exhaust or general dilution ventilation. Use a dust –mist filtering respirator (NIOSH-M SHA TC-21C) when handling.

EXPOSURE LIMITS: N/A

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9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM:	Granular
COLOR:	Yellow/brown
ODOR:	Bran
BOILING POINT RANGE:	N/A
MELT POINT / FREEZE POINT:	N/A
FLASH POINT:	N/A
AUTO IGNITION:	N/A
UPPER EXPLOSIVE LIMITS (UEL):	N/A
LOWER EXPLOSIVE LIMITS (LEL):	N/A
pH:	4.9
SOLUBILITY IN WATER:	Dispersible
SPECIFIC GRAVITY:	N/A
BULK DENSITY:	30 lb./cu. Ft.
% VOLATILE BY WEIGHT:	<1
VAPOR PRESSURE at 20 °C:	N/A
VAPOR DENSITY:	N/A

10. STABILITY AND REACTIVITY

STABILITY:	Stable
HAZARDOUS POLYMERIZATION:	Will not occur
INCOMPATIBILITIES:	None noted
DECOMPOSITION PRODUCTS:	N/A
CONDITIONS TO AVOID:	Avoid high temperatures

11. TOXICOLOGICAL INFORMATION

Avoid contact with skin, eyes, or clothing. Wear goggles and rubber gloves when handling and mixing. In case of contact, flush eyes or skin with plenty of water. Get medical attention if irritation persists.

12. ECOLOGICAL INFORMATION

This product may be toxic to fish and aquatic invertebrates. The potential effects of this product on non-target beneficial insects are not known. Do not spray when honeybees are actively foraging. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when

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cleaning equipment or disposing of equipment washwaters. Do not allow contamination of or discharge into lakes, streams, ponds, or public waterways. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Apply this product only as specified in the label.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Unused product can be disposed of on site or at an approved waste disposal facility.

14. TRANSPORT INFORMATION

D.O.T. PROPER SHIPPING NAME: N/A
TECHNICAL SHIPPING NAME: *Paecilomyces fumosoroseus* Apopka Strain 97
D.O.T. HAZARD CLASS: N/A
U.N. /N.A. NUMBER: N/A
PRODUCT RQ (lbs.): N/A
D.O.T. LABEL: N/A
D.O.T. PLACARD: N/A

15. REGULATORY INFORMATION

OSHA STATUS: N/A
TSCA STATUS: N/A
CERCLA REPORTABLE QUANTITY: N/A
SARA TITLE III:
SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: N/A
SECTION 311/312 HAZARD CATEGORIES: N/A
SECTION 313 TOXIC CHEMICALS: N/A
RCRA STATUS: N/A

STATE REGULATORY INFORMATION:

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be

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applicable for state requirements. For detail on your regulatory requirements you should contact the appropriate agency in your state.

16. OTHER INFORMATION

NFPA, NPCA-HMIS:

Hazard Classification: (0-minimal, 1-slight, 2-moderate, 3-serious, 4-severe)

HMIS: Health-0, Fire-0, Reactivity-0

NFPA: Health-0, Fire-0, Reactivity-0

MSDS STATUS:

Created – 3/16/2012

Sections:

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not related to use in combination with any other material or in any process.

The information herein is given in good faith, but no warranty, express or implied, is made. Consult SePRO Corporation for further information.