

MATERIAL SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

Product Name: ecoFOG-160

Company: Pace International, LLC

Address: Office

1201 3rd Avenue, Suite 5450

Seattle, WA 98101

Manufacturing / Distribution

5661 Branch Road

Wapato, WA 98951

Emergency Phone Number: 800.424.9300 (CHEMTREC)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

CAS #	Component	%	Exposure Limits
53112-28-0	pyrimethanil	16	Not established
141-78-6	ethyl acetate	< 20	400 ppm PEL

Other Components

proprietary

3. HAZARDS IDENTIFICATION

WARNING. Causes substantial but temporary eye injury. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Harmful if absorbed through skin. Harmful if swallowed. Avoid contact with skin, eyes or clothing. Combustible.

4. FIRST AID MEASURES

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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 eye. Call a poison control center or doctor for treatment advice.

If on Skin: 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 Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Dry chemical, CO₂

Special Exposure Hazards: Keep away from strong oxidizers.

Special Protective Equipment for Firefighters: Wear self-contained breathing equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: See Section 8 for personal protection measures.

Environmental Precautions: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge



effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority.

Methods for Cleaning Up: In case of spill or leak, absorb liquid with sawdust or other absorbent material and incinerate or dispose of it in approved disposal area.

7. HANDLING & STORAGE

Handling: Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Avoid breathing fog. For personal protection, see section 8.

Storage: Avoid storing below 40° F or above 100° F.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Clothing: Long sleeved shirt and long pants, shoes and socks, chemical resistant gloves such as PVC, nitrile or butyl rubber.

Respiratory Protection: Not normally required, but fogging applicators must have a NIOSH-approved full-face respirator with organic vapor filter ready in case of emergency.

Eye Protection: Wear goggles, safety glasses or a face shield. Eye fountain and washing facilities should be present at work area.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance: light yellow translucent liquid
Odor: sweet, fruity
Boiling Point: < 212°F (100°C)
Flash Point: 109°F (43°C) closed cup method
Flammable Limits: Not available
Explosive Properties: No data available
Oxidizing Properties: No oxidizing properties
Vapor Pressure: No data available
pH (@ 25°C): 6.0
Specific Gravity: 1.011 (H₂O=1)
Solubility in Water: Dispersible
Viscosity: 28.8 mm²/s (cSt) @ 25°C

10. STABILITY & REACTIVITY

Conditions/Materials to Avoid: Heat, sparks, flame, strong oxidants, strong acids and acid halogenides.

Hazardous Decomposition Products: No data available

11. TOXICOLOGICAL INFORMATION

Acute Oral: LD₅₀ oral (rat): > 2000 mg/kg
Acute Dermal: LD₅₀ dermal (rat): > 2000 mg/kg
Inhalation: LC₅₀ (rat): > 2.15 mg/L
Eye Irritation: Moderately irritating (EPA Category II)
Skin Irritation: Slightly irritating (EPA Category IV)
Sensitization: Considered to be a contact sensitizer.

12. ECOLOGICAL INFORMATION

For technical grade pyrimethanil:

Daphnia magna, acute toxicity: EC₅₀ (48h): 2.9 mg/L
 Rainbow trout, acute toxicity: LC₅₀ (96h): 10.56 mg/L
 Algae, inhibitory effect
Selenastrum capricornutum: ICB₅₀ (96h): 1.2 mg/L
 Bees, acute oral toxicity : 100 µg/bee
 Bees, acute contact toxicity : 100 µg/bee



13. DISPOSAL CONSIDERATIONS

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

14. TRANSPORT INFORMATION

Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (pyrimethanil)
Hazard Class: 9
UN Number: UN 3082
Packing Group: III

15. REGULATORY INFORMATION

FIFRA: This product is registered as a pesticide with the U.S. EPA under registration number 64864-61.

SARA 313: Contains no chemicals subject to SARA Title III Section 313 in quantities sufficient to trigger reporting requirements.

TSCA: All components of this product are included or exempt from inclusion in EPA's Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

16. OTHER INFORMATION

HMIS Ratings: Health – 2 Flammability – 2 Reactivity – 0

The information herein is believed to be accurate and represents the best information currently available. However, Pace International LLC makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and assumes no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

MSDS Revision Date: 01/05/10

Supersedes: 12/10/09

