

## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT & COMPANY IDENTIFICATION

**Product Name:** ecoFOG-170 DPA

**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
122-39-4	diphenylamine	17	10 mg/m <sup>3</sup>
628-63-7	amyl acetate	5 - 15	100 ppm TLV
141-78-6	ethyl acetate	0 - 10	400 ppm TLV

#### Other Components

proprietary

### 3. HAZARDS IDENTIFICATION

Harmful if absorbed through skin or if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Combustible. Toxic to fish and aquatic invertebrates.

### 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, CO<sub>2</sub>

**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 allow product to enter sewers, lakes, streams or other bodies of water.

**Methods for Cleaning Up:** Absorb liquid with sawdust or other absorbent material and incinerate or dispose of in an approved disposal area.



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## 7. HANDLING & STORAGE

- Handling:** Good standards of hygiene should be maintained at all times. Smoking, eating, and drinking is prohibited in the work area. For personal protection, see section 8.
- Storage:** Do not use or store near heat or open flames. Keep away from strong oxidizers. Avoid storing below 40°F (4°C). Keep container tightly closed when not in use.

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## 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:** Fogging applicators must wear a NIOSH-approved full-face respirator with organic vapor filter.
- Eye Protection:** Wear goggles, safety glasses or a face shield. Eye fountain and washing facilities should be present at work area.

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## 9. PHYSICAL & CHEMICAL PROPERTIES

- Appearance:** pale yellow liquid
- Odor:** sweet, banana scent
- Boiling Point:** < 212°F (100°C)
- Flash Point:** 95°F (35°C)
- Flammable Limits:** Not available
- Explosive Properties:** No data available
- Oxidizing Properties:** No oxidizing properties
- Vapor Pressure:** No data available
- pH (@ 25°C):** 5.20
- Specific Gravity:** 1.007 (H<sub>2</sub>O=1)
- Solubility in Water:** Dispersible
- Viscosity:** 23.9 mm<sup>2</sup>/s (cSt) @ 25°C

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## 10. STABILITY & REACTIVITY

- Conditions/Materials to Avoid:** Strong oxidizers.
- Hazardous Decomposition Products:** None

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## 11. TOXICOLOGICAL INFORMATION

- Acute Oral:** LD<sub>50</sub> oral (rat): > 2000 mg/kg
- Acute Dermal:** LD<sub>50</sub> dermal (rat): > 5000 mg/kg
- Inhalation:** LC<sub>50</sub> (rat): > 2.52 mg/L
- Eye Irritation:** Slight irritant (EPA Category III)
- Skin Irritation:** Non-irritating (EPA Category IV)
- Sensitization:** Not a dermal sensitizer.

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## 12. ECOLOGICAL INFORMATION

### diphenylamine

- Acute toxicity:** Northern bobwhite quail, LD<sub>50</sub>: > 2250 mg/kg  
Mallard duck, LC<sub>50</sub> (5-day): > 5205 ppm  
Rainbow trout, LC<sub>50</sub> (96h): 2.2 ppm  
Daphnia magna, LC<sub>50</sub>/EC<sub>50</sub> (48h): 1.2 ppm

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## 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:** Do not reuse or refill container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

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#### 14. TRANSPORT INFORMATION

**Proper Shipping Name:** Flammable liquids, n.o.s. (amyl acetate, ethyl acetate)  
**Hazard Class:** 3  
**UN Number:** UN 1993  
**Packing Group:** III

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#### 15. REGULATORY INFORMATION

**FIFRA:** This product is registered as a pesticide with the U.S. EPA under registration number 64864-69.  
**SARA 313:** Contains diphenylamine (CAS # 122-39-4), which is subject to SARA Title III Section 313 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.

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#### 16. OTHER INFORMATION

**HMIS Ratings:** Health – 2      Flammability – 3      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:** 06/01/12

**Supersedes:** ---

