



*Black DyeMond  
Pond & Lake Dye*

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**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Identification

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Product Name: Black DyeMond

CAS Number: Blend

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
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MONOETHANOLAMINE	0.1 %	141-43-5

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

**HAZARDS DISCLOSURE**

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains no known hazardous materials.

**3. HAZARDS IDENTIFICATION**

\*\*\*\*\* EMERGENCY OVERVIEW \*\*\*\*\*

The hazards of this product should be low under normal industrial and commercial uses. May cause skin or eye irritation after repeated or prolonged contact.

HMIS Rating - Health: 1  
Flammability: 1  
Reactivity: 0  
Personal Protection Index: X

#### POTENTIAL HEALTH EFFECTS

##### EYE:

Not known to cause permanent injury to eye tissue. Contact may cause eye irritation. SKIN:  
Prolonged or repeated contact may cause skin irritation. Not expected to be a skin irritant.

##### INHALATION:

No known hazards in normal industrial use. No information regarding inhalation available.

##### INGESTION:

No information regarding ingestion available. May be harmful if swallowed.

##### CARCINOGENICITY INFORMATION:

RTECS BQ4725000 lists citation from an IARC 16, 171, 78 wherein the carcinogenic determination in animals is shown to be positive for one of the ingredients. However, the Food and Drug Administration in its' FD&C permanent listing, (Federal Register Vol. 47, No. 188, September 28, 1982) did not concur with those findings.

#### 4. FIRST AID MEASURES

##### EYE CONTACT FIRST AID:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

##### SKIN CONTACT FIRST AID:

Get medical attention if irritation develops or persists. Wash affected area immediately with large amounts of soap and water.

##### INHALATION FIRST AID:

Get medical attention if cough or other symptoms develop. Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air and provide oxygen.

##### INGESTION FIRST AID:

Contact a physician. Never give anything by mouth to an unconscious person. If swallowed, immediately give 2

glasses of water. Unless advised otherwise, induce vomiting by either giving Syrup of Ipecac followed by 2 glasses of water, or by sticking finger down throat.

## **5. FIRE FIGHTING MEASURES**

### FLAMMABLE PROPERTIES

COC Flash Point: N/A

Autoignition Temperature: N/A

### FLAMMABLE LIMITS IN AIR

LEL: %

UEL: %

### EXTINGUISHING MEDIA:

Water, carbon dioxide, foam or dry powder.

### FIRE & EXPLOSION HAZARDS:

No known unusual hazards in a fire/explosion situation.

### FIRE FIGHTING INSTRUCTIONS:

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear. Contain runoff water. Contaminated extinguishing water must be disposed of in accordance with applicable regulations. Avoid breathing smoke, fumes, and decomposition products.

## **6. ACCIDENTAL RELEASE MEASURES**

### SAFEGUARDS (PERSONNEL):

Wear appropriate personal protective equipment.

### INITIAL CONTAINMENT:

Contain spilled material. Do not allow material to enter soil or surface water. Absorb spills with inert material. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements. Wash area to prevent slipping.

### LARGE SPILLS PROCEDURE:

This material is a concentrated colorant. Contain spilled material. Large spillage should be dammed-off and pumped into containers. Take up the remainder by absorbent material. Prevent spilled product from entering streams or

drinking water supply. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

#### **SMALL SPILLS PROCEDURE:**

Absorb spills with inert material. Avoid disposal into waste water treatment facilities. Floor may become slippery. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

### **7. HANDLING AND STORAGE**

#### **HANDLING (PERSONNEL):**

Do not get in eyes, on skin or clothing. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. When sampling containers use appropriate personal protective equipment.

#### **HANDLING (PHYSICAL ASPECTS):**

Avoid extreme temperatures. Keep container closed to avoid contamination. Avoid contact with strong oxidizing agents.

#### **STORAGE PRECAUTIONS:**

Protect containers from physical damage. Do not stack drums more than three pallets high.

#### **SPECIAL SENSITIVITY:**

KEEP FROM FREEZING. MUST MIX WELL BEFORE EACH USE.

### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

#### **ENGINEERING CONTROLS:**

Good general ventilation should be sufficient to control airborne levels.

#### **EYE / FACE PROTECTION REQUIREMENTS:**

Wear safety glasses. Where contact with this material is likely, eye protection is recommended.

#### **SKIN PROTECTION REQUIREMENTS:**

Wear protective gloves to minimize skin contamination. For brief contact, normal work attire should be sufficient. When prolonged or frequently repeated contact could occur, use protective clothing impervious to this material.

#### **RESPIRATORY PROTECTION REQUIREMENTS:**

Under normal use conditions, with adequate ventilation, no special handling equipment is required.

**MISCELLANEOUS:**

Use good personal hygiene practices; limit exposure to product whenever possible to minimize clean-up.

**EXPOSURE GUIDELINES:**

Monoethanolamine OSHA TWA: 3 ppm, 7.5 mg/m<sup>3</sup> OSHA STEL: 6 ppm, 15 mg/m<sup>3</sup>

**9. PHYSICAL AND CHEMICAL PROPERTIES**

FORM .....: Liquid

COLOR .....: Black

ODOR .....: Faint ether-like odor

BOILING POINT .....: 100 C

SOLUBILITY IN WATER .....: Completely Miscible

MELTING/FREEZING POINT ...: 0 C

PH .....: Not determined

**10. STABILITY AND REACTIVITY**

**STABILITY:**

This compound is stable at ambient conditions.

**POLYMERIZATION:**

Hazardous polymerization will not occur.

**INCOMPATIBILITY WITH OTHER MATERIALS:**

Avoid contact with strong oxidizing agents.

**DECOMPOSITION:**

Decomposition will not occur if handled and stored properly. In the case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

**11. TOXICOLOGICAL INFORMATION**

Monoethanolamine

Results: Inhalation studies of monoethanolamine (MEA) in laboratory animals produced effects which suggest possible injury to the nervous system. A laboratory study suggests that rats given high doses of MEA by gavage

produced increased embryofetal death, growth retardation and some malformations (hydronephrosis/hydroureter). Due to the high doses used and other technical deficiencies, the validity of this study is somewhat questionable. There is evidence that no embrofetotoxicity or teratogenicity was produced in rats or rabbits when MEA was administered by skin contact. Results: Preliminary findings from the National Toxicology Program suggest an increased incidence of liver tumors in both sexes of mice and an increased incidence of kidney tumors in male mice dermally exposed for their lifetime to diethanolamine. The significance of these findings and their relevance to humans are not clear as diethanolamine was not genotoxic (neither mutagenic nor clastogenic), and did not induce tumors in rats or in transgenic mice similarly treated. Additional research which is designed to provide a better understanding of the significance of these observations to humans, if any, is underway.

## 12. ECOLOGICAL INFORMATION

### MISCELLANEOUS:

No information available.

## 13. DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL:

Uncleaned empty containers should be disposed of in the same manner as the contents. Due to the highly concentrated color, avoid washing material into sewer systems without proper treatment and authorization by the treatment facility management. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

## 14. TRANSPORTATION INFORMATION

PRODUCT LABEL .....: Black DyeMond  
D.O.T. SHIPPING NAME .....: Not Regulated  
TECHNICAL SHIPPING NAME ...: N/A  
D.O.T. HAZARD CLASS .....: Non-Hazardous  
UN NUMBER .....: N/A  
D.O.T. LABEL .....: N/A  
D.O.T. PLACARD .....: N/A  
BULK CLASS .....: N/A  
PACKAGE CLASS .....: N/A

**15. REGULATORY INFORMATION**

MISCELLANEOUS INFORMATION:

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

SC Toxic Air Pollutants List Monoethanolamine (141-43-5)

The above information is given in good faith, and is based upon research of others, and is believed to be accurate by Airmax Eco-Systems. No known relevant information has been omitted. The above information is designed to enable the User to use the product safely, and is provided solely for the User's assistance in complying with the Occupational Safety and Health Act of 1970, and the regulations thereunder. Any other use is prohibited. Airmax Eco-Systems assumes no responsibility or liability for any loss, injury, or damage, which may occur from the use or misuse of their products. Also, because actual use by others is beyond our control, no guarantee or warranty, is either expressed or implied, by Airmax Eco-Systems, as to the product or its use or misuse. Where the Customer has concerns, it is recommended that the Customer(s) perform their own tests.

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END OF MSDS

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