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Nature's Blue Pond & Lake Dye

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Nature's Blue
Chemical Name: Acid Blue 9, Disodium Salt
Chemical Family: Triphenylmethane
CAS Number: Proprietary

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
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NATURE'S BLUE	100.0 %	Proprietary

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

HAZARDS DISCLOSURE

This product contains no known 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

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***** EMERGENCY OVERVIEW *****
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* 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.
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HMIS Rating - Health: 1
              Flammability: 1
              Reactivity: 0
              Personal Protection Index: G

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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:

Acid Blue 9: RTECS BQ4725000 lists citation from an IARC 16, 171, 78 wherein the carcinogenic determination in animals is shown to be positive. However, the Food and Drug Administration in its' permanent listing FD&C Blue #1 (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.

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.

EXPOSURE GUIDELINES:

No Information Available.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid
COLOR: Blue
ODOR: No odor
BOILING POINT: 200 F
VAPOR DENSITY: >1 (Air = 1)
SOLUBILITY IN WATER ...: Soluble
SPECIFIC GRAVITY: Typically 1.16 (Water = 1)

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

C.I. ACID BLUE 9, DISODIUM SALT

Test Code: LD50

Description: Oral Toxicity

Species: Rat

Results: 10.0 g/kg

Test Code: Skin Irritation

Description: Primary Skin Irritation Index---0/8

Species: Rabbit

Results: Non-irritating

C.I. ACID BLUE 9

Test Code: Primary Ocular Irritation and Reversibility

Description: Primary Eye Irritation Index--0/110

Species: Rabbit

Results: Non-Irritating

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: D15003 Chromatint Blue AZ 50% Liquid
 D.O.T. SHIPPING NAME: N/A
 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 Canadian Domestic Substances List (DSL). This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

16. OTHER INFORMATION

PREPARED BY: John Russell
 APPROVAL DATE: April 21, 2004
 SUPERCEDES DATE ...: April 2, 1998
 RTN NUMBER: 00000284 (Official Copy)

ADDITIONAL INFORMATION:

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

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END OF MSDS
