

MATERIAL SAFETY DATA SHEET

True Color™ H-Blue Antifreeze/Coolant Dye

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification _____

Product Name: D35003 Blue 408 Liquid

Chemical Name: Proprietary

Chemical Family: Proprietary

CAS Number: Proprietary

Company Identification _____

True Color™ Green Dye

by Toxguard Fluid Technologies

11942 Western Ave

Stanton, CA 90680

714-698-3400 (for questions)

Chemtrec, 800-424-9300 (for emergencies)

True Color System, Patent Pending

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

Chemical Name Amount CAS Number

COPPER COMPOUNDS < 17.0 %

(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 materials that are acute hazards.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

May cause eye and skin irritation.

HMIS Rating:

Health - 1

Flammability - 1

Reactivity - 0

Personal Protection Index - B

POTENTIAL HEALTH EFFECTS

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EYE:

Contact may cause eye irritation.

SKIN:

May cause skin irritation with discomfort or rash.

INHALATION:

Inhalation of vapor or mist can cause irritation of nose and throat.

INGESTION:

Ingestion may cause a metallic taste in the mouth.

CARCINOGENICITY INFORMATION:

No known cancer hazards.

TARGET ORGAN:

Prolonged or repeated overexposure may cause lung damage.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Flush eye with water for 15 minutes. If redness or irritation occurs, seek medical attention.

SKIN CONTACT FIRST AID:

Wash skin with soap and water. If irritation occurs, seek medical attention.

INHALATION FIRST AID:

Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped. Get prompt medical attention. Do not give fluids if victim is unconscious.

INGESTION FIRST AID:

Get immediate medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: > 100.0 C (> 212.0 F)

Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: %

UEL: %

EXTINGUISHING MEDIA:

Water, Carbon dioxide, foam, or dry powder.

FIRE & EXPLOSION HAZARDS:

None known.

FIRE FIGHTING INSTRUCTIONS:

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Prevent run off to sewers and bodies of water from fire fighting involving this product as product contains Clean

Water Act Priority Pollutants.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Wear appropriate personal protective equipment. Protect skin and eyes from exposure.

INITIAL CONTAINMENT:

Contain spilled material. Contains heavy metals. Avoid runoff to sewers and bodies of water.

Wear proper

protective equipment. Absorb on suitable absorbant materials. Clean up by scrubbing with soap and water.

Collect cleaning wastes, or remove contaminated soils. Place in proper containers.

LARGE SPILLS PROCEDURE:

Larger quantities should be incinerated or may be landfilled in approved systems.

SMALL SPILLS PROCEDURE:

Small quantities may be treated in aerobic wastewater treatment systems.

7. HANDLING AND STORAGE**HANDLING (PERSONNEL):**

Avoid contact with eyes, skin, and clothing.

HANDLING (PHYSICAL ASPECTS):

Secure container after each use. Store in a cool dry area.

STORAGE PRECAUTIONS:

Keep from freezing.

SPECIAL SENSITIVITY:

KEEP FROM FREEZING.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**ENGINEERING CONTROLS:**

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Good

general ventilation should be sufficient to control airborne levels.

EYE / FACE PROTECTION REQUIREMENTS:

Use chemical splash goggles and face shield.

SKIN PROTECTION REQUIREMENTS:

Use butyl rubber or nitrile gloves.

RESPIRATORY PROTECTION REQUIREMENTS:

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

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MISCELLANEOUS:

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

EXPOSURE GUIDELINES:

No Information Available.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid

COLOR: Blue

ODOR: None

SOLUBILITY IN WATER: Soluble

SPECIFIC GRAVITY: 1.08 (Water = 1)

PH: 9.0 - 10.5

10. STABILITY AND REACTIVITY**STABILITY:**

Stable.

Stable; however, may decompose if heated.

POLYMERIZATION:

Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid contact with strong oxidizing agents.

DECOMPOSITION:

Thermal decomposition may produce oxides of carbon, nitrogen, and sulfur. Residue will contain copper.

11. TOXICOLOGICAL INFORMATION

Copper Compounds

Test Code: Overexposure effects:

Results: Overexposure to copper salts can cause irritation to intact skin. Can also cause irritation to the eyes. Inhalation of copper dusts may cause irritation to the upper respiratory tract. Exposure to copper fumes and dust may also cause a metallic taste in the mouth.

12. ECOLOGICAL INFORMATION

MISCELLANEOUS:

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

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Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements. Due to the highly concentrated color, avoid washing material into sewer systems without proper treatment and authorization by the treatment facility management.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL: D35003 Chromatint Blue 408 Liquid
D.O.T. SHIPPING NAME: Not Regulated
TECHNICAL SHIPPING NAME: N/A
D.O.T. HAZARD CLASS: Non-Hazardous
UN NUMBER: N/A
PRODUCT RQ (LBS): 5,000

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). Clean Water Act: This product contains copper at concentrations greater than 0.1% and less than 1%.

This material or all of its components are listed (or considered as having been notified) on the European Inventory of Existing Chemical Substances (EINECS).

This material or all of its components are listed on the Australian Inventory of Chemical Substances, AICS.

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 Chinese Inventory.

This material or all of its components are listed on the Phillippines Inventory of Chemical and Chemical Substances PICCS.

SARA Title III - Section 313

COPPER (7440-50-8)

Massachusetts Substance List

D35003 Chromatint Blue 408 Liquid (PROPRIETARY)

NJ Right to Know List

D35003 Chromatint Blue 408 Liquid (PROPRIETARY)

PA Hazardous Substance List

D35003 Chromatint Blue 408 Liquid (PROPRIETARY)

16. OTHER INFORMATION

REASON FOR ISSUE: Update

PREPARED BY: John Russell

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SUPERCEDES DATE: July 31, 2006

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END OF MSDS