

MATERIAL SAFETY DATA SHEET

True Color™ Green Antifreeze/Coolant Dye

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification _____

Product Name: D16013 OEM Green LA 30% 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 6.1 %

(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

D16013 OEM Green LA 30% Liquid Page 2

***** EMERGENCY OVERVIEW *****

* *

* CAUTION *

* *

* May cause eye and skin irritation. *

* *

HMIS Rating - Health: 1

Flammability: 1

Reactivity: 0

Personal Protection Index: B

POTENTIAL HEALTH EFFECTS

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.

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.
D16013 OEM Green LA 30% Liquid Page 3
.....

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:

None known.

FIRE FIGHTING INSTRUCTIONS:

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

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

STORAGE PRECAUTIONS:

Keep from freezing.

SPECIAL SENSITIVITY:

MUST MIX WELL BEFORE EACH USE. KEEP FROM FREEZING.

D16013 OEM Green LA 30% Liquid Page 4

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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.

EXPOSURE GUIDELINES:

No Information Available.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid

COLOR: Dark Green

ODOR: No appreciable odor.

SOLUBILITY IN WATER: Soluble

SPECIFIC GRAVITY: 1.12 (Water = 1)

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

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.

D16013 OEM Green LA 30% Liquid Page 5

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

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

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: D16013 OEM Green LA 30% 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:

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 on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

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

D16013 OEM Green LA 30% Liquid Page 6

(section 15 continued)

This material or all of its components are listed on the Korean Existing and Evaluated Chemical Substances ECL.

SARA Title III - Section 313

COPPER (7440-50-8)

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Toxguard Fluid Technologies, Inc. The data on this sheet are related only to the specific material designated herein. Toxguard Fluid Technologies, Inc. assumes no legal responsibility for use or reliance upon these data.

END OF MSDS
