

November 15, 2002

# Material Safety Data Sheet

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## 1. Chemical Product and Company Identification

Mastercool, Inc.  
1 Aspen Drive  
Randolph, NJ 07869

### Product Identification

Product Name: 92699-000 Mastercool Universal Standard Dye  
Chemical Name: Proprietary  
Chemical Family: Proprietary  
CAS Number: Blend

## 2. Composition/Information of Ingredients

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
92699-000 Mastercool Universal Standard Dye	100.00%	Blend

(See Section 8 for exposure guidelines)

(See Section 8 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

\*\*\*\*\*Emergency Overview\*\*\*\*\*

*		*
*	Caution	*
*		*
*	Prolonged or repeated contact may cause skin or eye irritation.	*
*		*
*		*

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(Section 3 continued)

November 15, 2002

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

**NEPA Rating -**           **Health: 1**  
                              **Flammability: 1**  
                              **Reactivity: 0**

### **Potential Health Effects**

#### **EYE:**

Vapors may irritate the eyes.

#### **SKIN:**

Liquid may irritate and dry skin.

#### **INHALATION:**

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

## **4. FIRST AID MEASURES**

### **EYE CONTACT FIRST AID:**

Flush eye with water for 15 minutes. Get immediate medical attention.

### **SKIN CONTACT FIRST AID:**

Immediately flush skin with plenty of water for at least 15 minutes. For a large splash flood body under a shower. Call a physician.

### **INHALATION FIRST AID:**

Remove to fresh air. If not breathing give artificial respiration. Get immediate medical attention.

### **INGESTION FIRST AID:**

If swallowed, **DO NOT** induce vomiting. If swallowed, immediately give 2 glasses of water.

## **5. FIRE FIGHTING MEASURES**

### **FLAMMABLE PROPERTIES**

COC Flash Point: N/A

Auto ignition Temperature: N/A

### **FLAMMABLE LIMITS IN AIR**

LEL: %

UEL: %

November 15, 2002

(Section 5 continued)

**EXTINGUISHING MEDIA:**

Small Fires: Use foam, carbon dioxide, dry chemical, or water spray.

Large Fires: Use foam, water spray, or fog.

**FIRE & EXPLOSION HAZARDS:**

Keep material away from all sources of ignition: extreme heat, open flame, potential static or electric discharge, sparks, or sparks from frictional contact.

**FIRE FIGHTING INSTRUCTIONS:**

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear. Use water spray to cool fire-exposed containers. Do not spread fire with water.

**6. ACCIDENTAL RELEASE MEASURES****SAFEGUARDS ( PERSONNEL)**

Eliminate all sources of ignition – heat, sparks, flame, electricity, impact and friction.

Wear appropriate personal protective equipment. Ventilate spill area.

**INITIAL CONTAINMENT:**

Absorb spills with inert material. Eliminate all sources of ignition – heat, sparks, flame, electricity, and impact.

**LARGE SPILLS PROCEDURE:**

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Treat or dispose of waste material in accordance with all local state, provincial, and national requirements.

**SMALL SPILLS PROCEDURE:**

Same as above.

**MISCELLANEOUS:**

Disposal Methods: If discarded in its original unused form, this product should be managed (stored/treated/disposed/etc.) at an authorized facility, in compliance with all applicable Federal, State and local requirements. Be sure to contact appropriate government environmental agencies if further disposal guidance is required, of the methods of disposal currently available, it is recommended that an alternative be selected according to the following order of preference, based upon environmental acceptability: 1) recycle or rework if at all feasible, 2) incinerate at an authorized facility, or 3) treat at a waste treatment facility.

**UNCONTROLLED DOCUMENT**

November 15, 2002

## 7. HANDLING AND STORAGE

### HANDLING (PERSONNEL):

Do not breathe vapor or get liquid in eyes or on skin or clothing. Use with adequate ventilation. Wear appropriate protective equipment.

### HANDLING (PHYSICAL ASPECTS):

Eliminate all sources of ignition – heat, sparks, flame, electricity, impact and friction. Store in a cool dry area.

### STORAGE PRECAUTIONS:

Containers of this material may be hazardous when emptied due to solid or vapor residue. All hazard precautions given in this data sheet must be observed for empty containers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### ENGINEERING CONTROLS:

Use only with adequate ventilation

### EYE / FACE PROTECTION REQUIREMENTS:

Wear safety glasses with side shields (or goggles) and a face shield.

### SKIN PROTECTION REQUIREMENTS:

Selection of specific items such as gloves, boots, apron or full-body suit will depend on operation.

### RESPIRATORY PROTECTION REQUIREMENT

When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

### EXPOSURE GUIDELINES:

No Information Available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM.....:	Oil-like Liquid
COLOR.....:	Dark Yellow
BOILING POINT .....	Not established F
VAPOR DENSITY.....:	NA (Air = 1)
SOLUBILITY IN WATER...:	Insoluble
SPECIFIC GRAVITY.....:	Not established (Water = 1)

## 10. STABILITY AND REACTIVITY

### STABILITY:

Stable.

**UNCONTROLLED DOCUMENT**

November 15, 2002

(section 10 continued)

**POLYMERIZATION:**

Hazardous polymerization will not occur.

**INCOMPATIBILITY WITH OTHER MATERIALS:**

Avoid contact with strong oxidizing agents.

**DECOMPOSITION:**

Decomposition may produce fumes, smoke, oxides of carbon and hydrocarbons.

Decomposition forms oxides of carbon and nitrogen. Decomposition may produce amines.

**11. TOXICOLOGICAL INFORMATION**

No information available.

**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.

**14. TRANSPORTATION INFORMATION**

PRODUCT LABEL.....:92699-000 Mastercool Universal Dye

D.O.T. SHIPPING NAME.....:N/A

TECHNICAL SHIPPING NAME....:N/A

D.O.T. HAZARD CLASS.....:N/A

UN NUMBER.....:N/A

**15. REGULATORY INFORMATION****MISCELLANEOUS INFORMATION:**

This material or all of its components are listed on the Canadian Domestic Substances List (DSL)

**WHMIS Hazard Symbols:**

None

November 15, 2002

(section 15 continued)

EEC Symbols and Indications of Danger:  
None

**16. OTHER INFORMATION**

Prepared By.....:Lezlie Luceus  
Approved By.....:Lezlie Luceus  
Title.....:Development Associate  
Approval Date.....:December 4, 2000  
Supersedes Date.....:September 28, 2000  
RTN Number.....:00001121 (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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This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Mastercool, Inc. The data on this sheet are related only to the specific material designated herein. Mastercool assumes no legal responsibility for use or reliance upon these data.

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**END OF MSDS**

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