

# SAFETY DATA SHEET



Issue Date: July 11, 2017

Revision Date: July 11, 2017

Version: 2017

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Safe-Cure Clear<sup>DR</sup> Red Dye

**Other Means of Identification**

**SDS #:** F1020P

**Recommended Use:** Concrete Curing Compound

**Restrictions on Use:** No Data

**Supplier of the Safety Data Sheet including Address:**

ChemMasters Inc.  
300 Edwards Street  
Madison, OH 44057

**Telephone Numbers**

**Company Phone Number**

Phone: 800-486-7866, 440-428-2105

Fax: 440-428-7091

**Emergency Telephone:** ChemTrec 800-424-9300 (United States & Canada), International Call: 1-703-527-3887

## 2. HAZARDS IDENTIFICATION

**Emergency Overview**

**OSHA Hazards:**

Harmful if swallowed, may be harmful if inhaled, may cause respiratory irritation, causes eye irritation, may cause an allergic skin reaction, and may cause skin irritation.

**Target Organs:** Eyes, Skin, Respiratory System

**GHS Classification:**

Eye damage/irritation – Category 2B

Acute Toxicity – Oral – Category 4

Acute Toxicity – Inhalation – Category 5

Sensitization – Skin – Category 1A

Specific target organ toxicity – single exposure – Category 3

**Label Elements, including precautionary statements**

**Pictograms:**



**Signal Word:** WARNING

**Hazard Statements:**

- H302 Harmful if swallowed.
- H333 May be Harmful if inhaled.
- H335 May cause respiratory irritation.
- H320 Causes eye irritation.
- H317 May cause an allergic skin reaction.

**Precautionary Statement(s)**

**Prevention:**

- P261 Avoid breathing fume/mist/vapours/spray.
- P264 Wash hands and skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

- P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
- P330 Rinse mouth.
- P304+P340+P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 If eye irritation persists: Get medical advice or attention.
  
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice or attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.

**Storage:**

- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.

**Disposal:**

- P501 Dispose of contents/container in accordance with local/regional/national regulations.

Hazards not otherwise classified: May cause skin irritation.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Component**

Water – Non Hazardous	CAS#: 7732-18-5	72%
Hydrocarbon Petroleum Resin - Non Hazardous	CAS#: Proprietary	15%
Petroleum Hydrocarbon Distillates	CAS#: 8052-41-3	10%
Surfactant Blend	CAS#: Proprietary	≤ 3%
S-triazine-1,3,5-(2H,4H,6H)-Triethanol	CAS#: 4719-04-4	≤0.1%
Red Dye	Proprietary	<0.01%

Ingredients not listed on this safety data sheet are considered to be non-hazardous according to OSHA 1910.1200 or are not present above their cutoff levels. Where a range is displayed, the exact percentage of composition has been withheld as a trade secret.

## 4. FIRST AID MEASURES

### **First Aid Measures**

General Advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. If not breathing, give artificial respiration. Consult a physician.

**Eye Contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**Ingestion:** IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If conscious, rinse mouth with water.

**Skin Contact:** Wash off with soap and plenty of water. If skin irritation occurs, get medical advice or attention.

## 5. FIRE-FIGHTING MEASURES

### **Suitable Extinguishing Media**

Material is not combustible. Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide for the surrounding fire.

### **Specific Hazards Arising from the Chemical**

None Known

### **Hazardous Combustion Products**

Carbon dioxides & Carbon monoxide

### **Protective Equipment and Precautions for Firefighters**

Wear self-contained breathing apparatus and full protective gear for firefighting.

### **Further Information**

See Section 7 for safe handling and storage.

## 6. ACCIDENTAL RELEASE MEASURES

### **Personal Precautions, Protective Equipment and Emergency Procedures**

In case of spill wear appropriate personal protective equipment during any cleanup and response activities. Avoid skin contact and inhalation.

### **Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

### **Methods and Material for Containment and Cleaning Up**

Dike and contain spill with inert absorbent materials. Soak up with inert material and keep in suitable, closed containers for disposal. Dispose of in accordance with specified local/regional/national/international regulations for disposal.

## 7. HANDLING AND STORAGE

### **Precautions for Safe Handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

### **Conditions for Safe Storage, Including any Incompatibilities**

**General information:** Keep container tightly closed in a dry and well ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from heat. Keep from freezing. Store product above 50 degrees F/10 degrees C and below 95 degrees F/35 degrees C.

**Safe Storage:** No Additional Data

**Incompatibilities:** None Known

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

#### Component Exposure Limits

Petroleum Hydrocarbon Distillates, CAS# 8052-41-3:

ACGIH TLV TWA: 100 ppm 8 hours

OSHA PEL: TWA 500 ppm

NIOSH REL: TWA 350 mg/m<sup>3</sup>, NIOSH Ceiling: 1800 mg/m<sup>3</sup>

Components of Petroleum Hydrocarbon Distillates, CAS# 8052-41-3:

Ethyl Benzene, CAS# 100-41-4: ACGIH TLV: TWA 20 ppm

N-Nonane, CAS# 111-84-2: ACGIH TLV: TWA 200 ppm

Trimethyl Benzene (all isomers), CAS# 25551-13-7: ACGIH TLV: TWA 25 ppm

Cumene, CAS# 98-82-8: ACGIH TWA 50 ppm 8 hr.

#### Appropriate Engineering Controls

Local Ventilation: Recommended

General Ventilation: Recommended

#### Individual Protection Measures, such as Personal Protective Equipment

**Eye/Face Protection:** Use proper protection – Safety Glasses as a minimum

**Skin and Body Protection:** Wash at mealtime and end of shift. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc.). Use chemical protective gloves as a minimum and wash skin promptly upon any skin contact.

**Respiratory Protection:** Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

**General Hygiene Considerations:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before & after breaks and work day.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

#### Physical State

**Appearance:** Liquid

**Color:** Pink (Dries Translucent Red, Fades to Clear)

**Odor:** Mild Petroleum Solvent

**Odor threshold:** No Data

<u>Property</u>	<u>Value</u>	<u>Remarks – Method</u>
Vapor Pressure	Not Available	
Vapor Density	Not Available	
Relative Density	Not Available	
pH:	Not Available	
Melting/Freezing Point	32 Degrees F (0 Degrees C)	
Solubility	Not Available	
Evaporation Rate	Not Available	
Flash Point	>212 Degrees F (>100 Degrees C)	PMCC (D93)
Flammability Limits	Not Relevant	
Flammability (Solid, gas)	Not Relevant	
Auto Ignition Temperature	Not Relevant	
Initial Boiling Point/Boiling Range	212 Degrees F	

Decomposition Temperature  
Viscosity  
Specific Gravity

Not Available  
Not Available  
1

Density: 8.33 lb./gal. +/- 0.1

## 10. STABILITY AND REACTIVITY

### **Chemical Stability:**

This product is chemically stable under recommended storage conditions.

### **Possibility of Hazardous Reactions:**

None Known

### **Conditions to Avoid:**

Keep from Freezing

### **Incompatible Materials:**

None Known

### **Hazardous Decomposition Products:**

Carbon dioxides, Carbon monoxide

## 11. TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure:** Inhalation, Skin Contact, Eye Contact  
(Ingestion is not a likely route of exposure under normal conditions of use.)

### **Symptoms of Exposure:**

Allergic skin reaction, respiratory, skin and eye irritation, stomach or intestinal upset

### **Numerical measures of toxicity:**

Petroleum Hydrocarbon Distillates, CAS# 8052-41-3:

ACGIH TLV TWA: 100 ppm 8 hours

OSHA PEL: TWA 500 ppm

NIOSH REL: TWA 350 mg/m<sup>3</sup>, NIOSH Ceiling: 1800 mg/m<sup>3</sup>

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Ethyl Benzene, CAS# 100-41-4: ACGIH TLV: TWA 20 ppm

N-Nonane, CAS# 111-84-2: ACGIH TLV: TWA 200 ppm

Trimethyl Benzene (all isomers), CAS# 25551-13-7: ACGIH TLV: TWA 25 ppm

Cumene, CAS# 98-82-8: ACGIH TWA 50 ppm 8 hr.

### **Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure**

#### **Carcinogenicity: IARC, ACGIH, NTP, OSHA**

Product contains Naphthalene which is classified by IARC as "possibly carcinogenic to humans" (Group 2B).

Product contains Ethyl Benzene which is classified by IARC as "possibly carcinogenic to humans" (Group 2B).

Product contains Cumene which is classified by IARC as "possibly carcinogenic to humans" (Group 2B).

**Specific target organ toxicity:** Single exposure – Category 3, Respiratory System, May cause respiratory irritation.

**Respiratory Irritation:** If material is misted or sprayed, inhalation of mist may cause irritation of mucous membranes and the upper respiratory tract.

## 12. ECOLOGICAL INFORMATION

**Eco toxicity:** Not determined.

**Persistence and Degradability:** Not Determined.

**Bioaccumulation:** Not Determined.

**Mobility:** Not Determined.

**Other Adverse Effects:** Not Determined.

### 13. DISPOSAL CONSIDERATIONS

#### Waste Treatment Methods

**Disposal of Wastes:** This product is not a hazardous waste under RCRA. Dispose of in conformance with all federal, state and local regulations.

**Contaminated Packaging:** Dispose of as unused material.

### 14. TRANSPORT INFORMATION

**DOT:** Not Regulated

**IMDG:** Not Regulated  
Marine Pollutant: No

**IATA:** Not Regulated

### 15. REGULATORY INFORMATION

#### International Inventories

**TSCA:** All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

#### US Federal Regulations

**SARA 302 (Extremely Hazardous Substances):** None Known

**SARA 311/312 Hazard Categories:** Acute Health Hazard, Chronic Health Hazard

**SARA Section 313:** This product contains the following components in concentrations greater than 0.1% for carcinogenic substances and/or 1.0% of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR 372: **None Known**

**CWA (Clean Water Act):** This product contains petroleum hydrocarbon distillates and may be subject to regulation by Section 311 of the Clean Water Act and the Oil Pollution Act. Releases of the product into or leading to surface waters must be reported to the National Response Center at 1-800-424-8802.

#### Supplemental State Compliance Information

California: This product contains chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

<0.1% Naphthalene, CAS# 91-20-3

<0.1% Ethyl Benzene, CAS# 100-41-4

<0.1% Cumene, CAS# 98-82-8

State Right To Know:

<u>CAS Number</u>	<u>Component Name</u>	<u>State</u>
8052-41-3	Petroleum Hydrocarbon Distillates	New Jersey, Pennsylvania
124-18-5	N-Decane	New Jersey, Pennsylvania
111-84-2	N-Nonane	New Jersey, Pennsylvania
95-63-6	1,2,4-Trimethylbenzene	New Jersey, Pennsylvania
100-41-4	Ethyl Benzene	New Jersey, Pennsylvania
98-82-8	Cumene	New Jersey, Pennsylvania
91-20-3	Naphthalene	New Jersey, Illinois, Minnesota, Pennsylvania, Rhode Island, New York, Massachusetts.

**U.S. EPA Label Information:** No Data

## 16. OTHER INFORMATION

**HMIS Classification:**

Health hazard: 1  
Flammability: 0  
Physical Hazards: 0

**NFPA Rating:**

Health hazard: 1  
Fire: 0  
Reactivity Hazard: 0

**Issuance Date:** July 11, 2017

**Revision Date:** July 11, 2017

**Revision Note:** Reviewed and Updated

**Date of Previous Version:** August 6, 2014

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**