

# SAFETY DATA SHEET



Issue Date: August 9, 2017

Revision Date: June 25, 2018

Version: 2017.1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Release SF

**Other Means of Identification**

**SDS #:** F6005 SF

**Recommended Use:** Concrete Form Release Agent

**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

## 2. HAZARDS IDENTIFICATION

**Emergency Overview**

**OSHA Hazards:**

May be harmful if swallowed and enters airways, may be harmful if inhaled, may cause respiratory irritation, may cause skin & eye irritation

**Target Organs:** Respiratory System

**GHS Classification:**

Acute toxicity, Oral – Category 5

Acute toxicity, Inhalation – Category 5

Aspiration Hazard – Category 2

Specific target organ toxicity – single exposure – Category 3, Respiratory System

**Label Elements, including precautionary statements**

**Pictograms:**



**Signal Word:** WARNING

**Hazard Statements:**

- H305**      **May be Harmful if swallowed and enters airways**
- H333**      **May be Harmful if inhaled.**
- H335**      **May cause respiratory irritation.**

**Precautionary Statement(s)**

**Prevention:**

- P261**      **Avoid breathing fume/mist/vapours/spray.**
- P271**      **Use only outdoors or in a well-ventilated area.**

**Response:**

- P301+P310+P331**    **IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting.**
- P304+P340+P312**    **IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.**

**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 and eye irritation.**

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Component**

Hydrocarbon Oil Mixture CAS#: 8042-47-5, 64742-46-7, 64742-53-6	>97%
(Mineral Oil, Mineral Seal Oil, Distillates (petroleum), Hydro-treated Light Naphthenic)	
Tall Oil Fatty Acid CAS#: 61790-12-3	<2.0%
Benzaldehyde CAS#: 100-52-7	<1.0%

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.

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

Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide

### Specific Hazards Arising from the Chemical

In a fire or if heated a pressure increase will occur and the container may burst.

### 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, evacuate the area and remove all ignition sources. Do not expose to heat, flames, or ignition sources. Material is slippery. Do not walk through spilled material. Wear appropriate personal protective equipment during any cleanup and response activities.

### 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:** Store in cool place. Keep container tightly closed in a dry and well ventilated place. Keep away from heat (<95 degrees F/<35 degrees C) and direct sunlight. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

**Safe Storage:** No additional data.

**Incompatibilities:** None Known

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

#### Component Exposure Limits

Mineral Oil, Mineral Seal Oil, Distillates (petroleum), Hydro-treated Light Naphthenic: Oil Mist

ACGIH TLV: TWA 5 mg/m<sup>3</sup>, STEL: 10 mg/m<sup>3</sup>

OSHA PEL: TWA 5 mg/m<sup>3</sup>

NIOSH REL: TWA 5 mg/m<sup>3</sup>, STEL: 10 mg/m<sup>3</sup>

### 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:** Colorless to Light Yellow

**Odor:** Mild

**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 Relevant	
Melting/Freezing Point	Not Relevant	
Solubility	Not Available	
Evaporation Rate	Not Available	
Flash Point	>230 Degrees F (>110 Degrees C)	PMCC (D93)
Flammability Limits	Not Available	
Flammability (Solid, gas)	Not Relevant	
Auto Ignition Temperature	Not Available	
Initial Boiling Point/Boiling Range	Not Available	
Decomposition Temperature	Not Available	
Viscosity	Not Available	
Specific Gravity	0.88	Density: 7.36 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:

Store away from heat.

**Incompatible Materials:**

Strong oxidizing Agents

**Hazardous Decomposition Products**

Carbon dioxides, Carbon monoxide

**11. TOXICOLOGICAL INFORMATION**

**Likely Routes of Exposure:** Inhalation, Skin Contact, Eye Contact, Ingestion

**Symptoms of Exposure:**

May be harmful if swallowed and enters airways, may be harmful if inhaled, may cause respiratory irritation, may cause skin & eye irritation

**Numerical measures of toxicity:**

Inhalation LC50 (Inhalation of Dusts & Mists) Rat 5.7 mg/l 4 hr.  
Oral LD50 Rat >5000 mg/kg  
Dermal Ld50 Rabbit >2000 mg/kg

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

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

No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

**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. Aspiration may lead to lipid pneumonia.

**12. ECOLOGICAL INFORMATION**

**Eco toxicity:** No known significant effects or critical hazards.

**Persistence and Degradability:** No Data Available

**Bioaccumulation:** No Data Available

**Mobility:** No Data Available

**Other Adverse Effects:** No Data Available

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes:** This product is not expected to be 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

**D.O.T.:** Not a Dangerous Good

**I.A.T.A.:** Not a Dangerous Good

**I.M.D.G.:** Not a Dangerous Good

**Marine Pollutant:** No

## 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:** None Known

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

**SARA 313 Hazard Categories:** None Known

**CWA (Clean Water Act):** This product contains hydrocarbon oils 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 does not contain any 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.

New Jersey Right To Know:

CAS Number	Component Name
8042-47-5	Mineral Oil
64742-53-6	Hydro-Treated Light Naphthenic Oil

Massachusetts Right To Know:

CAS Number	Component Name
8042-47-5	Mineral Oil
64742-53-6	Hydro-Treated Light Naphthenic Oil

Pennsylvania Right To Know:

CAS Number	Component Name
8042-47-5	Mineral Oil

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

## 16. OTHER INFORMATION

### HMIS Classification:

Health hazard: 1  
Flammability: 1  
Physical Hazards: 0

### NFPA Rating:

Health hazard: 1  
Fire: 1  
Reactivity Hazard: 0

**Issuance Date: August 9, 2017**

**Revision Date: June 25, 2018**

**Revision Note: Reviewed and Updated**

**Date of Previous Version: June 26, 2017**

### 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**