

SAFETY DATA SHEET

SUPPRESSOR 1310
Product ID: FC131001
Revised: 08-18-2014
Replaces: 07-13-2010

1. IDENTIFICATION

Product Name: SUPPRESSOR 1310
Synonyms: N.A.
CAS Number: Mixture
Recommended Use: For use as a general purpose foam control agent.
Restrictions on Use: No data available.

Hydrite Chemical Co.
300 N. Patrick Blvd.
Brookfield, WI 53008-0948
(262) 792-1450

EMERGENCY RESPONSE NUMBERS:
24 Hour Emergency #: (414) 277-1311
CHEMTREC Emergency #: (800) 424-9300

2. HAZARD(S) IDENTIFICATION

GHS Classification: This product is not classified as defined by OSHA 29 CFR 1910.1200.

Hazards Not Otherwise Classified: None known.

Percentage of Components with Unknown Acute Toxicity:

Oral: 13.4 %
Dermal: 13.4 %
Inhalation Vapor: 13.4 %
Inhalation Dust/Mist: 13.4 %

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	% by Wt.
------------------	-------------------	-----------------

This material is considered not hazardous as defined by OSHA 29 CFR 1910.1200.

While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

4. FIRST-AID MEASURES

Eye Contact: If in eyes: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Tilt head to avoid contaminating unaffected eye. Get immediate medical attention.

Skin Contact: If on skin: Flush skin with plenty of water while removing contaminated clothing and shoes. Do not reuse clothing or shoes until cleaned. If irritation develops or persists, get medical attention. Wash with soap and water.

Inhalation: If inhaled: Remove to fresh air. Get medical attention if breathing becomes difficult or respiratory irritation occurs.

Ingestion: If swallowed: If fully conscious, drink a quart of water. DO NOT induce vomiting. CALL A PHYSICIAN IMMEDIATELY. If unconscious or in convulsions, take immediately to a hospital or a physician. NEVER induce vomiting or give anything by mouth to an unconscious victim. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

Note to Physicians:

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Consideration should be given to the possibility that overexposure to materials

SUPPRESSOR 1310**Product ID: FC131001**

other than this product may have occurred.

Most Important Symptoms/Effects:

Eye Contact: May cause mild irritation.

Skin Contact: May cause mild irritation. No adverse effects expected from incidental contact.

Skin Absorption: No data available.

Inhalation: No hazard expected under normal use. Aerosols and mists may cause: irritation, nausea.

Ingestion: No hazard expected under normal use. May be harmful if swallowed.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Water mist. Carbon dioxide. Dry chemical. Alcohol resistant foam. **DO NOT USE:** Sharp water jet.

Fire Fighting Methods: Evacuate area of unprotected personnel. Wear protective clothing including NIOSH-approved self-contained breathing apparatus. Remain upwind of fire to avoid hazardous vapors and decomposition products. Use water spray to cool fire-exposed containers.

Fire and Explosion Hazards: None known. Heating or fire can release toxic gases.

Hazardous Combustion Products: Carbon dioxide. Carbon monoxide. Formaldehyde. Silicon dioxide. Dimethylcyclosiloxanes. Various hydrocarbon fragments. Toxic vapors. Normal products of combustion. Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Spill Clean-Up Procedures: Evacuate unprotected personnel from area. Maintain adequate ventilation. Follow personal protective equipment recommendations found in Section 8. Shut off source of leak if safe to do so. Contain spill, place into drums for proper disposal. Soak up residue with inert absorbent material. Place in non-leaking containers for immediate disposal. Clean any slippery coating that remains using a detergent/soap solution or another biodegradable cleaner. Avoid direct discharge to sewers and surface waters. Notify authorities if entry occurs. **CAUTION:** Spilled material is slippery.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Do not swallow. Avoid breathing vapors, mists, or dust. Do not eat, drink, or smoke in work area. Wash thoroughly after handling. Avoid generating mist or aerosol during use.

Storage: Store in a cool, well ventilated area, out of direct sunlight. Store in a dry location away from heat. Keep away from incompatible materials. Keep containers tightly closed. Do not store in unlabeled or mislabeled containers. To maintain product quality, do not store in heat or direct sunlight. See Section 10 for incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**OSHA Exposure Guidelines:**

<u>Component</u>	<u>Limits</u>
No components found.	

ACGIH Exposure Guidelines:

<u>Component</u>	<u>Limits</u>
Sorbitan Monostearate	10 mg/m ³ TWA (except stearates of toxic metals)

Note:

* When heated to temperatures above 150 degrees C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the

SUPPRESSOR 1310
Product ID: FC131001

eyes, nose, throat, skin and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA Permissible Exposure Limit for formaldehyde.

Engineering Controls: General room ventilation is required. Do not use in closed or confined spaces. Avoid creating dust or mist. Maintain adequate ventilation.

Eye/Face Protection: Wear safety glasses with side shields while handling this product. Wear additional eye protection such as chemical safety goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material.

Skin Protection: Prevent contact with this product. Wear gloves and protective clothing depending on condition of use. Protective gloves: Impervious. Chemical-resistant.

Respiratory Protection: None required under normal use. If vapors or mists are generated, wear: NIOSH/MSHA-Approved organic vapor/mist respirator. DO NOT exceed limits established by the respirator manufacturer. All respiratory protection programs must comply with OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements and must be followed whenever workplace conditions require a respirator's use.

Other Protective Equipment: Eye-wash station. Safety shower. Protective clothing.

General Hygiene Conditions: Wash with soap and water before meal times and at the end of each work shift. Good manufacturing practices require gross amounts of any chemical be removed from skin as soon as practical, especially before eating or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid.

Color: Opaque. White.

Odor: Low, non-irritating odor.

Odor Threshold: N.D.

pH: ~ 7.50 (as is)

Freezing Point (deg. F): N.D.

Melting Point (deg. F): N.D.

Initial Boiling Point or Boiling Range: N.D.

Flash Point: N.A.

Flash Point Method: N.A.

Evaporation Rate (nBuAc = 1): N.D.

Flammability (solid, gas): N.D.

Lower Explosion Limit: N.A.

Upper Explosion Limit: N.A.

Vapor Pressure (mm Hg): N.D.

Vapor Density (air=1): N.D.

Specific Gravity or Relative Density: ~ 0.993 @ 25C

Solubility in Water: Dispersible

Partition Coefficient (n-octanol/water): N.D.

Autoignition Temperature: No Data

Decomposition Temperature: N.D.

Viscosity: ~ 350 @ 25 C

% Volatile (wt%): N.D.

VOC (wt%): N.D.

VOC (lbs/gal): N.D.

Fire Point: N.D.

10. STABILITY AND REACTIVITY

Reactivity: No data available.

Chemical Stability: Stable under recommended storage conditions.

SUPPRESSOR 1310
Product ID: FC131001

Possibility of Hazardous Reactions: Hazardous polymerization will not occur under normal conditions. Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 deg. C (302 deg. F) through oxidation.

Conditions to Avoid: No data available.

Incompatible Materials: Oxidizing agents. Strong oxidizing agents. Strong acids. Strong bases.

Hazardous Decomposition Products: Carbon monoxide. Carbon dioxide. Silicone dioxide. Formaldehyde. Dimethylcyclosiloxanes. Oxidizing agents. Carbon oxides. Toxic vapors.

11. TOXICOLOGICAL INFORMATION

Component	Oral LD50	Dermal LD50	Inhalation LC50
------------------	------------------	--------------------	------------------------

No components found or no data available for product.

Routes of Exposure: Eyes. Ingestion. Skin. Inhalation.

Eye Contact: May cause mild irritation.

Skin Contact: May cause mild irritation. No adverse effects expected from incidental contact.

Skin Absorption: No data available.

Inhalation: No hazard expected under normal use. Aerosols and mists may cause: irritation, nausea.

Ingestion: No hazard expected under normal use. May be harmful if swallowed.

Medical Conditions Aggravated by Exposure to Product: None known.

Other: This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300F (150C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard.

Cancer Information:

This product does not contain 0.1% or more of the known or potential carcinogens listed in NTP, IARC, or OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicological Information: No data available.

Chemical Fate Information: No data available.

13. DISPOSAL CONSIDERATIONS

Hazardous Waste Number: N.A.

Disposal Method: Dispose of in accordance with all local, state and federal regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. Since emptied containers retain product residue, follow label warnings even after container is emptied.

14. TRANSPORT INFORMATION

DOT (Department of Transportation):

Proper Shipping Name: Not regulated by the DOT.

15. REGULATORY INFORMATION

TSCA Inventory Status: All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

SARA Title III Section 311/312 Category Hazards:

<u>Immediate (Acute)</u>	<u>Delayed (Chronic)</u>	<u>Fire Hazard</u>	<u>Pressure Release</u>		<u>Reactive</u>
No	No	No	No		No
Regulated Components:		<u>CAS</u> <u>Number</u>	<u>CERCLA</u> <u>RQ</u>	<u>SARA</u> <u>EHS</u>	<u>SARA</u> <u>313</u>
Component					<u>U.S.</u> <u>HAP</u>

No components found.

***Prop 65 - May Contain the Following Trace Components:**

This product may contain trace amounts of (a) chemical(s) known in the State of California to cause cancer or birth defects or other reproductive harm.

16. OTHER INFORMATION

Hazard Rating System

Health: 0

Flammability: 0

Reactivity: 0

* = Chronic Health Hazard

NFPA Rating System

Health: 0

Flammability: 0

Reactivity: 0

Special Hazard: None

SDS Abbreviations

N.A. = Not Applicable

N.D. = Not Determined

HAP = Hazardous Air Pollutant

VOC = Volatile Organic Compound

C = Ceiling Limit

N.E./Not Estab. = Not Established

SDS Prepared by: JAK

Reason for Revision: New format. Changes made throughout the MSDS.

Revised: 08-18-2014

Replaces: 07-13-2010

The data in this Safety Data Sheet relates to the specific material designated and does not relate to its use in combination with any other material or process. The data contained is believed to be correct. However, since conditions of use are outside our control it should not be taken as warranty or representation for which HYDRITE CHEMICAL CO. assumes legal responsibility. This information is provided solely for your consideration, investigation, and verification.