

SAFETY DATA SHEET

SUPPRESSOR 3110
Product ID: FC311001
Revised: 02-17-2022
Replaces: 03-16-2021

1. IDENTIFICATION

Product Identifier Used SUPPRESSOR 3110

on the Label:

Other Identifiers: N.A.

Product ID: MIXTURE

Recommended Use: No data available.

Restrictions on Use: No data available.

Hydrite Chemical Co.
17385 Golf Parkway
Brookfield, WI 53045
(262) 792-1450

EMERGENCY RESPONSE NUMBERS:

24 Hour Emergency #: (414) 277-1311

CHEMTREC Emergency #: (800) 424-9300

2. HAZARD(S) IDENTIFICATION

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

GHS Label Elements: None.

Hazards not otherwise classified: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances/Mixtures:

Chemical or Common Name/Synonyms	CAS Number	% by Wt.
Sorbitan Monostearate	1338-41-6	< 3 %

Note: Any chemical identity and/or exact percentage not expressly stated is being withheld as a trade secret or is due to batch variation.

4. FIRST-AID MEASURES

Description of Necessary 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: Call a physician immediately. DO NOT induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Give 1-2 glasses of water to drink.

Most Important Symptoms/Effects, Acute and Delayed:

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.

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Ingestion: No hazard expected under normal use.

Indication of Immediate Medical Attention and Special Treatment Needed: 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 other than this product may have occurred.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Carbon dioxide. Dry chemical. Alcohol resistant foam. Water spray. Use extinguishing agents appropriate for surrounding fire.

Specific Hazards Arising from the Chemical:

Fire and Explosion Hazards: None known.

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

Special Protective Equipment and Precautions for Fire-Fighters: 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.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, Emergency Procedures: Evacuate unprotected personnel from area. Maintain adequate ventilation. Follow personal protective equipment recommendations found in Section 8.

Methods and Materials for Containment and Clean Up: 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. Apply sand or other inert granular material to improve traction.

7. HANDLING AND STORAGE

Precautions for Safe 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.

Conditions for Safe Storage, Including any Incompatibilities: 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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA Exposure Guidelines:

Component	Limits
No components found.	

ACGIH Exposure Guidelines:

Component	Limits
Sorbitan Monostearate	10 mg/m ³ TWA (except stearates of toxic metals, inhalable particulate matter); 3 mg/m ³ TWA (except stearates of toxic metals, respirable particulate matter)

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

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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.

Appropriate Engineering Controls: General room ventilation is required. Use ventilation adequate to maintain safe levels.

Individual Protection Measures:

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.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid.

Color: Opaque. White.

Odor: Low, non-irritating odor.

Odor Threshold: N.D.

pH: ~ 7.5 (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.

Auto-ignition 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.

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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 (e.g., static discharge, shock, or vibration): Avoid excessive heat, sparks or open flames.

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

Hazardous Decomposition Products: Carbon monoxide. Carbon dioxide. Silicone dioxide. Formaldehyde. Dimethylcyclosiloxanes. Oxidizing agents. Smoke.

11. TOXICOLOGICAL INFORMATION

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

Symptoms/Effects: Acute, Delayed and Chronic:

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.

Ingestion: No hazard expected under normal use.

Numerical Measures of Toxicity:

Component	Oral LD50	Dermal LD50	Inhalation LC50
Sorbitan Monostearate	Rat: 31 g/kg	No Data	No Data

Cancer Information:

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

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.

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. The information offered here is for the product as shipped. Use and/or alteration to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method. DO NOT pressurize, cut, weld, solder, drill, grind or expose empty containers to heat, flame, sparks or other sources of ignition. Since emptied containers retain product residue, follow label warnings even after container is emptied.

14. TRANSPORTATION INFORMATION

DOT (Department of Transportation):

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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.

A new CAS #, 112926-00-8, has been assigned to Amorphous Precipitated Silica to distinguish it from crystalline. According to EPA this product meets TSCA requirements and is listed on the TSCA Inventory as Silica, CAS # 7631-86-9.

SARA Title III Section 311/312 Category Hazards: Please see Section 2 of this SDS.

Regulated Components:	<u>CAS</u>	<u>CERCLA</u>	<u>SARA</u>	<u>SARA</u>	<u>U.S.</u>	<u>WI</u>	<u>Prop</u>
<u>Component</u>	<u>Number</u>	<u>RQ</u>	<u>EHS</u>	<u>313</u>	<u>HAP</u>	<u>HAP</u>	<u>65</u>
No components found.							

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

WARNING: This product can expose you to a chemical or chemicals including (methanol, formaldehyde) that are known to the State of California to cause cancer and/or birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

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: Changes made throughout the SDS.

Revised: 02-17-2022

Replaces: 03-16-2021

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.