

# SAFETY DATA SHEET

DATE REVISED: 11/11/15  
SDS NUMBER: 10191

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** SUPPRESSION  
**DESCRIPTION:** Antifoam Powder

**MANUFACTURER:** CHEMORSE, LTD  
1596 NE 58<sup>th</sup> Ave  
Des Moines, IA 50313

**EMERGENCY CONTACT:** In the event of chemical emergencies involving a spill, leak, fire exposure, or accident involving chemicals – call **CHEMTREC (800) 424-9300**

## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATIONS

**Health:**

Acute toxicity:

Oral (category 5) – not categorized

Dermal (category 5) – not categorized

Inhalation (category 5) – may be harmful if inhaled

Skin irritation (category 3) – causes mild skin irritation

Serious eye damage / eye irritation (category 2b) – causes eye irritation

**GHS Label:** No pictogram required

**Signal Word:** WARNING

**Precautionary Statements:**

**General:**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Wash hands, face, and other affected areas thoroughly after handling.

**Response:**

**IF SWALLOWED:** Call a POISON CENTER / doctor / seek medical attention if you feel unwell.

**SKIN CONTACT:** Call a POISON CENTER / doctor / seek medical attention if you feel unwell.

If skin irritation occurs: Get medical advice / attention.

**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 / attention.

**IF INHALED:** Call a POISON CENTER / doctor / seek medical attention if you feel unwell.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Components	CAS Number	Percentage
Proprietary mixture of Polydimethylsiloxane, foam suppressing aids, and inert materials	N/A	100%

**4. FIRST AID MEASURES**

**EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye. Call a doctor for treatment advice if irritation persists.

**SKIN:** Rinse skin immediately with plenty of water for 15-20 minutes. Call a doctor if skin irritation occurs after washing.

**INHALED:** After dust exposure, remove to fresh air. Call a physician if allergic symptoms occur within 48 hours.

**INGESTION:** Not considered to be toxic. Have the person rinse mouth and drink plenty of water. If allergic reaction occurs seek medical attention.

**5. FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** water (do not use water jet) dry chemical, foam or carbon dioxide (CO<sub>2</sub>).

**FIRE FIGHTING PROCEDURES:** Fight fire from a safe distance and protected location. Fight fire upwind to avoid hazardous vapors and decomposing products. Heat may build pressure and rupture closed containers, spreading fire and increasing the risk of injury. Use water spray/fog for cooling containers and firefighters.

**FIRE FIGHTING EQUIPMENT:** As with any fire, wear self-contained breathing apparatus pressure demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**SPILL AND LEAK RESPONSE:** Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of a spill, clear the affected area, protect people, and respond with trained personnel.

**PERSONAL PROTECTIVE EQUIPMENT:** Avoid dust formation. Avoid breathing vapors, mist, or gas. Wear appropriate personal protective equipment (PPE) as specified in section 8.

**ENVIRONMENTAL PRECAUTIONS:** Prevent contamination of soil, ground, and surface water.

**CONTAINMENT AND CLEANUP:** Sweep up and shovel. Keep in suitable, closed containers for disposal. Accidental spills can be cleaned up by sweeping, vacuuming, or flushing with water.

## 7. HANDLING AND STORAGE

**HANDLING:** Provide appropriate exhaust ventilation at places where dust is formed.

**STORAGE:** Store in a cool, dry, well ventilated area. Protect from contamination

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Airborne Exposure Limits:**

PEL (OSHA): total dust 15 mg/m<sup>3</sup> (TWA); respirable dust 5 mg/m<sup>3</sup> (TWA)

TLV (ACGIH): total dust 10 mg/m<sup>3</sup>

**Ventilation System:** A system of local and / or general exhaust may be necessary to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emission of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

**Personal Respirators (NIOSH Approved):** An approved NIOSH dust respirator should be used when dust exposure standard is exceeded (nuisance dust 15 mg/m<sup>3</sup>).

**Eye Protection:** Wear OSHA standard chemical splash goggles.

**Skin Protection:** For brief contact, no precautions other than clean body-covering clothing should be needed. Use impervious gloves such as neoprene.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White powder
Odor	Slight
pH (10 % aqueous solution)	6 - 8
Freeze / Melting Point	Does not apply
Boiling Point / Range	Not available
Specific Gravity (20°C)	Does not apply
Flash Point	> 93°C (194°F)
Color (Gardner)	Does not apply
Solubility in Water	Soluble
Viscosity	Does not apply
Odor Threshold	Does not apply
Evaporation Rate	Does not apply
Upper / Lower Flammability Limits	Does not apply
Vapor Pressure	Does not apply
Vapor Density	Does not apply
Partition Coefficient	Does not apply
Auto-Ignition Point	Not Determined
Decomposition Temperature	Not Determined

## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable at ambient temperatures and atmospheric pressure

**CONDITIONS TO AVOID:** Dust generation, excessive heat.

**HAZARDOUS DECOMPOSITION:** Can generate formaldehyde at temperatures of approximately 300°F and above. Can also produce carbon oxides, sulfur oxides, nitrogen oxides, and crystalline silica.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Emergency Overview:** NUISANCE DUST. MAY CAUSE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT.

### Acute:

LD <sub>50</sub> Oral	Rat	> 5,000 mg/kg
LD <sub>50</sub> Dermal	Rat	> 5,000 mg/kg

### Possible Health Effects:

**Eye contact:** nuisance dust may cause mechanical irritation.

**Skin contact:** not expected to be a health hazard from skin exposure.

**Inhalation:** excessive concentrations of a nuisance dust may cause reactions such as coughing, sneezing, and nasal irritation.

**Ingestion:** Product is not considered to be toxic but, excessive amounts may result in gastrointestinal irritation, vomiting, diarrhea, liver or kidney damage, central nervous system depression, jaundice, pain in liver with acute human poisoning.

**Chronic exposure:** no data available.

**Aggravation of pre-existing conditions:** no data available.

**Specific Target Organ Toxicity – Single Exposure:** no data available.

**Specific Target Organ Toxicity – Repeated Exposure:** no data available.

**Germ Cell Mutagenicity:** no data available.

**Reproductive Toxicity:** no data available.

**Aspiration Hazard:** no data available.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** no data available.

## 13. DISPOSAL CONSIDERATIONS

Use normal waste disposal procedures that are in compliance with federal, state, and local regulations.

## 14. TRANSPORTATION INFORMATION

**SHIPPING DESCRIPTION:** Not regulated for ground transportation by US DOT

## 15. REGULATORY INFORMATION

### SARA TITLE III (Superfund Amendments and Reauthorization Act)

**311 / 312 Hazard Categories** – None

**313 Reportable Ingredients** – None

**302 / 304 Emergency Planning** – None

### CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT

**(PROPOSITION 65)** – This product contains no chemicals known to the state of California to cause cancer or reproductive toxicity.

**TRACE ELEMENTS:** Trace ingredients (if any) are present in < 1% concentration (< 0.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens, and sensitizers). None of the trace ingredients contribute a significant additional hazard at the

concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), US State equivalents, and Canadian Hazardous Material Identification System Standard (CPR 4)

## **16. OTHER INFORMATION**

**REASON FOR ISSUE:** Revised GHS

**APPROVAL BY:** Mason M. Neal – Technical Services Manager

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