



# Safety Data Sheet

## 1. Product Identifier and Company Identification

**Product name** : **Antifoam B-Emulsion**  
**HBCC SDS number** : CA12000  
**Synonym** : Silicon Emulsion  
**Product use and Restrictions** : Refer to label or call  
**Manufacturer:** Corporate Headquarters  
**Contact Address** Hill Brothers Chemical Company  
1675 North Main Street  
Orange, California 92867  
714-998-8800  
800-821-7234  
Corporate Safety & Compliance  
Hill Brothers Chemical Company  
7121 West Bell Road, Suite 250  
Glendale, Arizona 85308  
623-535-9955 – Office  
623-535-9944 - Fax

**Emergency telephone Number (Chemtrec)** : 800-424-9300  
**Website** : <http://hillbrothers.com>

## 2. Hazard Identification

**Classification** : N/A  
**Signal Word** : N/A  
**Pictogram(s)** : N/A  
**Hazard Statements** : N/A

### Precautionary Statements

**Response** : N/A  
**Prevention** : N/A  
**Storage** : N/A  
**Disposal** : N/A

## 3. Composition/Information on Ingredients

CAS Number	Ingredient Name	Weight %
N/A	Silicone Emulsion	<20%
	Water	80%

## 4. First Aid Measures

**Ingestion** : Seek medical attention.  
**Inhalation** : Remove to fresh air. Seek medical attention if irritation persists.  
**Skin** : Wash hands and exposed areas with soap and water.

<b>Eyes</b>	: Flush with water for at least 15 minutes.
<b>Medical Conditions</b>	: This product, as with any chemical, may enhance allergic conditions on certain people. Medical conditions that might be aggravated by exposure to this product are unknown.
<b>Effects of Overexposure</b>	: N/A
<b><u>Summary of Acute Health Hazards</u></b>	
<b>Ingestion</b>	: Amounts transferred to the mouth by fingers, etc., during normal operations should not cause injury. Swallowing large amounts may cause digestive discomfort.
<b>Inhalation</b>	: No irritation to nose or throat expected. No injury is likely from relatively short exposure.
<b>Skin</b>	: Single, prolonged exposure (hours) caused no known effect. Several repeated, prolonged exposures may cause slight irritation.
<b>Eyes</b>	: May cause temporary discomfort with mild redness and dryness similar to windburn.
<b>Note to Physicians</b>	: N/A
<b><u>Summary of Chronic Health Hazards</u></b> : N/A	

## 5. Fire Fighting Measures

<b>Extinguishing</b>	: On large fire use dry chemical, foam or water spray. On small fires use carbon dioxide (CO <sub>2</sub> ), dry chemical or water spray. Water can be used to cool fire exposed containers.
<b>Special Exposure Hazards</b>	: None
<b>Special Protective Equipment for Firefighters</b>	: Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.
<b>Fire Fighting Procedures</b>	: N/A
<b>NFPA Rating</b>	: Health - 1 Flammability - 0 Instability - 0



0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

**Uniform Fire Code Rating** : N/A

## 6. Accidental Release Measures

- Personal Precautions** : Clean area as appropriate since some silicon materials, even in small quantities, may present a slip hazard.
- Emergency Procedures** : Determine whether to evacuate or isolate the area according to your local emergency plan.
- Methods of Containment And Clean-Up** : For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases.

## 7. Handling and Storage

- Safe Handling** : Keep materials from freezing.
- Storage** : Use reasonable care and caution and store away from oxidizing materials. Keep materials from freezing. Use reasonable care and caution and store away from oxidizing materials.
- Work/Hygienic Practices** : Wash hands thoroughly after handling, and before eating, drinking, or smoking.
- Ventilation** : Mechanical (general) recommended.

## 8. Exposure Controls/Personal Protection

**Occupational Exposure Limits** :

Chemical Name: Antifoam B-Emulsion				
Exposure Limits (TWAs) in Air				
CAS Number	IDLH	ACGIH TLV	OSHA PEL	STEL
N/A	N/A	N/A	N/A	N/A

**Protective Equipment** : Gloves recommended. Safety goggles

**Eye Protection** : N/A

**Respiratory Protection** : N/A

## 9. Physical and Chemical Properties

<b>Appearance:</b> White liquid	<b>Odor:</b> Mild Odor
<b>Odor Threshold:</b> N/A	<b>pH:</b> N/A
<b>Melting Point/Freezing Point:</b> N/A	<b>Initial Boiling Point/Range:</b> > 100°C
<b>Flash Point:</b> N/A	<b>Evaporation Rate (BuAc=1):</b> 1.0
<b>Flammability:</b> N/A	<b>Lower/Upper Explosive Limit:</b> N/A
<b>Vapor Pressure (mmHg):</b> 30mm @ 25° C; 77° F	<b>Vapor Density (Air=1):</b> N/A
<b>Relative Density:</b> N/A	<b>Solubility in Water:</b> Dispersible
<b>Partition Coefficient:</b> N/A	<b>Autoignition Temperature:</b> N/A
<b>Decomposition Temperature:</b> N/A	<b>Viscosity:</b> N/A
<b>% Volatiles:</b> > 80%	<b>Specific Gravity (Water=1):</b> 0.996
<b>Molecular Weight:</b> N/A	<b>VOC:</b> N/A

## 10. Stability and Reactivity

**Reactivity** : None

**Chemical Stability** : Stable

**Possibility of Hazardous Reactions or Polymerizations** : Hazardous Polymerization will not occur

**Conditions to Avoid** : N/A

**Incompatible Materials** : None

**Hazardous Decomposition Products** : Silicon dioxide and carbon dioxide

## 11. Toxicological Information

**Acute and Chronic Effects** : See Section 4

### Routes of Exposure

**Ingestion** : Yes

**Inhalation** : No

Skin : Yes  
Eyes : Yes

Symptoms related to Physical, Chemical & Toxicological Characteristics : N/A

Numerical Measures of Toxicity : N/A

Chronic Toxicity : N/A

Carcinogenicity :

Product Name:					
ACGIH	IARC	EPA	NIOSH	NTP	OSHA
No	No	No	No	No	No

TARGET ORGANS : N/A

## 12. Ecological Information

Ecotoxicity : N/A

Persistence and Degradability : N/A

Bioaccumulative Potential :  
N/A

Product/Ingredient	Log <sub>pow</sub>	BCF	Potential
N/A	-	N/A	N/A

Mobility in Soil : N/A

## 13. Disposal Considerations

Disposal of Container : May be disposed of in a secured sanitary landfill. Disposal must be done in accordance with Local, State, and Federal regulations.

## 14. Transport Information

UN# : N/A

Proper Shipping Name : N/A

Hazard Class/Division : N/A

Packing Group : N/A

Marine Pollutant : N/A

Special Precautions : N/A

Emergency Response : N/A

Guidebook

Placard Advisory : N/A

## 15. Regulatory Information

Section 302 Extremely Hazardous Substance (EHS) : N/A  
Section 304 Extremely Hazardous Substance (EHS) : N/A  
CERCLA Hazardous Substance : N/A  
Section 313 Supplier Notification : N/A  
Clean Air Act (CAA) : N/A  
California Prop 65 : N/A  
Label Warning : N/A  
EPA Registration : N/A  
Reportable Quantity : N/A

## 16. Other Information

Revision date : 03/23/2015  
Supersedes : 12/17/2004  
First Issue : 04/10/1989

Chemical Family/Type : N/A

Section(s) changed since last revision : MSDS to First Issue SDS Conversion

**IMPORTANT!** Read this SDS before use or disposal of this product. Pass along the information to employees and any other persons who could be exposed to the product to be sure that they are aware of the information before use or other exposure. This SDS has been prepared in accordance with the Globally Harmonized System of Chemical and Labeling of Chemicals (GHS) Fifth Edition and the OSHA Hazard Communication Standard [29 CFR 1910.1200]. The SDS information is based on sources believed to be reliable. Available data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control; **Hill Brothers Chemical Company** makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Additional information may be necessary or helpful for specific conditions and circumstances of use. It is the user's responsibility to determine the suitability of this product and to evaluate risks and exercise appropriate precautions for protection of employees and others prior to use.