



**SAG\* 4865**  
**Silicone Antifoam Emulsion**

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Manufactured By:** Sistersville Plant  
3500 South State Route 2  
FRIENDLY WV 26146

**Revised:** 11/12/2008  
**Preparer:** PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS  
**CHEMTREC** 1-800-424-9300

**Chemical Family/Use:** Emulsion  
**Formula:** Silicone Antifoam Emulsion

**HMIS**

Flammability: 0      Reactivity: 0      Health: 1

**NFPA**

Flammability: 0      Reactivity: 0      Health: 1

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

WARNING! May cause eye irritation.

Form: Liquid

Color: Milky-white

Odor: Mild

**POTENTIAL HEALTH EFFECTS**

**INGESTION**

No evidence of harmful effects from available information.

**SKIN**

No evidence of harmful effects from available information.

**INHALATION**

Short-term harmful health effects are not expected from vapor generated at ambient temperature.

**EYES**

May cause irritation.

**MEDICAL CONDITIONS AGGRAVATED**

A knowledge of the available toxicology information and of the physical and chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions.

**CHRONIC EFFECTS / CARCINOGENICITY**

For additional information, please see Section 11, Toxicological Information.



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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
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**A. HAZARDOUS**

**B. NON-HAZARDOUS**

Water	7732-18-5	30 - 60 %
Polyalkylene Glycol	Trade secret	30 - 60 %
Silica Filled, Silicone Oil	Trade secret	10 - 30 %
Siloxane Polyalkyleneoxide Copolymer	Trade secret	1 - 5 %

**4. FIRST AID MEASURES**

**INGESTION**

If conscious, drink plenty of water. Induce vomiting, but only if victim is fully conscious. Obtain medical attention.

**SKIN**

Remove/Take off immediately all contaminated clothing. Wash skin with soap and water. If irritation persists or if contact has been prolonged, obtain medical attention.

**INHALATION**

No emergency care anticipated.

**EYES**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Obtain medical attention.

**NOTE TO PHYSICIAN**

Treatment is symptomatic and supportive.

**5. FIRE-FIGHTING MEASURES**

<b>FLASH POINT:</b>	None (aqueous system)
<b>FLAMMABLE LIMITS IN AIR - LOWER (%):</b>	Not available
<b>FLAMMABLE LIMITS IN AIR - UPPER (%):</b>	Not available
<b>SENSITIVITY TO MECHANICAL IMPACT:</b>	No



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**SENSITIVITY TO STATIC DISCHARGE**

Sensitivity to static discharge is not expected.

**EXTINGUISHING MEDIA**

All standard extinguishing agents are suitable.

**SPECIAL FIRE FIGHTING PROCEDURES**

Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

**6. ACCIDENTAL RELEASE MEASURES**

**ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**

Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section.

**ENVIRONMENTAL PRECAUTIONS**

Do not flush into surface water or sanitary sewer system.

**7. HANDLING AND STORAGE**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Avoid contact with skin and eyes. Keep away from children. Attention: Not for injection into humans. May generate formaldehyde at temperatures greater than 150 C (300 F). See Section 10 of MSDS for details.

**STORAGE**

Keep container tightly closed. Keep from freezing.

**FURTHER INFORMATION ON STORAGE CONDITIONS**

Recommended storage between 35F (2C) and 80F (26 C).

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS**

Eyewash stations; Showers; Exhaust ventilation; Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

**RESPIRATORY PROTECTION**

If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved



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respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).

**PROTECTIVE GLOVES**

Impermeable or chemical resistant gloves.

**EYE AND FACE PROTECTION**

Safety glasses with side-shields; Monogoggles

**OTHER PROTECTIVE EQUIPMENT**

Wear suitable protective clothing and eye/face protection.

**Exposure Guidelines**

<u>Component</u>	<u>CAS RN</u>	<u>Source</u>	<u>Value</u>
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Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average; INTL REL - Internal Recommended Exposure Limit

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>BOILING POINT - C &amp; F:</b>	> 100 °C; > 212 °F; estimated
<b>VAPOR PRESSURE (20 C) (MM HG):</b>	< 20
<b>VAPOR DENSITY (AIR=1):</b>	Heavier than air
<b>FREEZING POINT:</b>	0 °C; 32 °F; ca.
<b>PHYSICAL STATE:</b>	Liquid
<b>ODOR:</b>	Mild
<b>COLOR:</b>	Milky-white
<b>EVAPORATION RATE (BUTYL ACETATE=1):</b>	< 1
<b>DENSITY:</b>	1.03 g/cm <sup>3</sup> estimated
<b>VOLATILE ORGANIC CONTENT (VOL):</b>	No data available
<b>SOLUBILITY IN WATER (20 C):</b>	dispersible

**10. STABILITY AND REACTIVITY**

**STABILITY**

Stable

**HAZARDOUS POLYMERIZATION**

None known.



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**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**

After evaporation of water, combustion will generate:; Carbon oxides; Oxides of silicon.; formaldehyde; Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient concentrations can act as an asphyxiant.; Acute overexposure to the products of combustion may result in irritation of the respiratory tract.; This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. A MSDS for formaldehyde is available from Momentive.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

None currently known.

**CONDITIONS TO AVOID**

None known.

**11. TOXICOLOGICAL INFORMATION**

**OTHER EFFECTS OF OVEREXPOSURE**

No adverse effects anticipated from available information.

**12. ECOLOGICAL INFORMATION**

**ECOTOXICOLOGY**

All available ecological data have been taken into account for the development of the hazard and precautionary information contained in this Safety Data Sheet.

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD**

Disposal should be made in accordance with federal, state and local regulations.

**14. TRANSPORT INFORMATION**

**Further Information:**

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.



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**15. REGULATORY INFORMATION**

**Inventories**

Japan Inventory of Existing & New Chemical Substances (ENCS)	y (positive listing)	
EU list of existing chemical substances	y (positive listing)	
Canada DSL Inventory	y (positive listing)	
Korea Existing Chemicals Inventory (KECI)	y (positive listing)	
China Inventory of Existing Chemical Substances	y (positive listing)	
Australia Inventory of Chemical Substances (AICS)	y (positive listing)	
TSCA list	y (positive listing)	On TSCA Inventory
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	y (positive listing)	
Canada NDSL Inventory	n (Negative listing)	

For inventories that are marked as quantity restricted or special cases, please contact Momentive.

**US Regulatory Information**

**SARA (311,312) HAZARD CLASS**  
Acute Health Hazard

**SARA (313) CHEMICALS**

**CALIFORNIA PROPOSITION 65**

This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

**Canadian Regulatory Information**

**WHMIS HAZARD CLASS**  
- Not reviewed.

**16. OTHER INFORMATION**

**OTHER**

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling



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procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate., C = ceiling limit NEGL = negligible EST = estimated NF = none found  
NA = not applicable UNKN = unknown NE = none established REC = recommended ND = none determined V = recommended by vendor SKN = skin TS = trade secret R = recommended MST = mist NT = not tested STEL = short term exposure limit ppm = parts per million ppb = parts per billion By-product= reaction by-product, TSCA inventory status not required under 40 CFR part 720.30(h-2).