

**CS-10A**  
Antifoam  
62080-1105

**Additives Plus**  
P.O. Box 1119  
Evergreen, CO 80437  
Tel: 303-916-0639 Fax: 303-679-8988  
msds@additivesinc.com  
MSDS on-line: www.additivesinc.com

MSDS No:  
Ver. No: 1  
Ver. Date: 06/15/11

**24-HOUR EMERGENCY NUMBERS:**  
PERS 1-800-633-8253  
INT'L PERS 1-801-629-0667  
**CUSTOMER SERVICE:**  
303-916-0639

**National Fire Protection Association**

<b>0</b>	<b>Health</b>
<b>0</b>	<b>Flammability</b>
<b>0</b>	<b>Reactivity</b>
	<b>Special</b>

WHMIS: Not Applicable

**Protective Equipment:**



**SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Name:</b>	CS-10A
<b>Chemical Name:</b>	Mixture
<b>Chemical Family:</b>	Silicone Emulsion
<b>Chemical Formula:</b>	Mixture
<b>CAS Registry:</b>	Mixture
<b>Other Designations:</b>	None
<b>Manufacturer:</b>	Additives Plus, P.O. Box 1119, Evergreen, CO 80437, Phone (303) 916-0639 FAX (303) 679-8988 (Hours of operation: Mon-Fri 8:00am-5:00pm MST) 24-hour Emergency Number: PERS 800-633-8253 Customer Service: 303-916-0639

**SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS**

<u>MATERIAL</u>	<u>CAS NO</u>	<u>% WT</u>	<u>OSHA PEL</u>
Polydimethylsiloxane	63148-18-5	10	None established
Proprietary Non-Hazardous Ingredients	Not applicable	0-5	Not Applicable

**SECTION 3 – HAZARDOUS IDENTIFICATION**

<b>Health:</b>	0	<p style="text-align: center;"><b>HMIS</b></p> <p>H # 0 F # 0 R # 0</p> <p><b>PPE†</b> †Sec. 8</p>
<b>Flammability:</b>	0	
<b>Reactivity:</b>	0	
<b>Special:</b>	0	
0 = minimal 1= slight 2=moderate 3= serious 4= severe		
<b>Route(s) of Entry</b>		
<b>Inhalation:</b>	No inhalation hazard identified from data available.	
<b>Skin:</b>	May cause irritation and reddening; rinse skin with water.	
<b>Ingestion:</b>	No adverse effect expected.	
<b>Eyes:</b>	May cause irritation or reddening.	

<b>Target Organs:</b>	None known
<b>Effects of overexposure:</b>	Contact with the eyes may cause irritation. Ingestion will cause mouth, throat and gastrointestinal irritation. Inhalation of harmful levels of vapors is unlikely due to the relatively low vapor pressure and the relatively low concentrations of ingredients.
<b>Effects of overexposure:</b>	Acute: None known. Chronic: None known.
<b>Medical Conditions Generally Aggravated by Long-Term Exposure:</b>	None expected.
<b>Chronic Effects:</b>	None known
<b>Carcinogenicity</b>	
<b>NTP:</b>	None known
<b>IARC Monographs:</b>	None known
<b>OSHA Regulations:</b>	None known
<b>ACGIH</b>	None known

#### SECTION 4 – FIRST AID MEASURES

<b>Emergency and First Aid Procedures:</b>	<b>Eye contact:</b>	Flush eyes with large amounts of water for 15 minutes. If irritation persists, get medical attention.
	<b>Skin contact:</b>	Wash affected area thoroughly with soap and water. Remove contaminated clothing, rings, etc.
	<b>Ingestion:</b>	Give several glasses of water to dilute. Do not induce vomiting.
	<b>Inhalation:</b>	None required

**Note to Physicians:** None  
**Special Precautions/Procedures:** None known

#### SECTION 5 – FIRE-FIGHTING MEASURES

<b>Unusual Fire Fighting procedures:</b>	None required; non-flammable product
<b>Flash Point:</b>	None detected
<b>Flash Point Method:</b>	Pensky Martens
<b>Burning Rate:</b>	Does not burn
<b>Auto ignition Temperature:</b>	Not available
<b>Flammable limits in air (% by volume):</b>	Not applicable
<b>LEL:</b>	Not applicable
<b>UEL:</b>	Not applicable
<b>Flammability Classification:</b>	Not flammable
<b>Unusual Fire or Explosion Hazards:</b>	Closed containers may rupture or explode due to steam pressure build-up when exposed to extreme heat. Water may be used to cool closed containers.
<b>Unusual Fire Fighting procedures:</b>	None required.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>Spill/Leak Procedures:</b>	Recover usable material by convenient method; residual may be removed by wipe or wet mop
<b>Small Spills:</b>	Small spills should be absorbed with a suitable inert material (sand, earth, clay, etc.). Remove the absorbed material and place in an appropriate chemical waste container for disposal.
<b>Large Spills:</b>	For large spills, dike and pump into suitable containers. Clean up residual water.
<b>Containment:</b>	For large spills, dike far ahead of liquid spill for later disposal.
<b>Regulatory Requirements:</b>	Follow applicable Federal, State and Local regulations.

## SECTION 7 – HANDLING AND STORAGE

<b>Handling Precautions</b>	Wear impermeable gloves and other protective clothing to avoid prolonged or repeated skin contact. When handling, wear eye protection.
<b>Storage Requirements:</b>	Keep containers tightly closed when not in use.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering Controls</b>	
<b>Ventilation:</b>	Provide general or local exhaust ventilation systems.
<b>Administrative Controls</b>	
<b>Respiratory Protection:</b>	Respirator not needed.

**Protective Clothing/Equipment:** Where skin contact may occur, chemical-impervious gloves should be worn. Use chemical goggles or full face shield when the danger of splashing exists. Rubber apron or similar protective clothing to prevent contact with skin or clothes.



**Work and Hygienic Practices:** Wash or rinse hands before touching eyes or contact lenses, and before eating.

**Safety Stations:** Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

**Contaminated Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

**Comments:** Avoid contact with skin, eyes and clothing. Do not take internally. Clean up spills immediately. Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance and odor:</b>	Thick white liquid with very little odor.
<b>Boiling Point (760 mm Hg):</b>	212°F (at 760 mm Hg)
<b>Freezing Point</b>	32°F
<b>Specific Gravity (water =1):</b>	0.99
<b>Percent Organic Volatiles</b>	
<b>by Volume:</b>	0
<b>Evaporation Rate (butyl acetate =1):</b>	<1
<b>Solubility in Water (% by wt):</b>	Miscible
<b>Vapor Pressure (at 20°C):</b>	Not Determined
<b>pH:</b>	7.0-8.0

## SECTION 10 – STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Polymerization:</b>	Will not occur.
<b>Chemical Incompatibilities:</b>	None.
<b>Conditions to Avoid:</b>	Heat, sparks, open flame and other ignition sources
<b>Hazardous decomposition products:</b>	Thermal decomposition may produce carbon monoxide, carbon dioxide and oxides of silicon.

## SECTION 11 – TOXICOLOGICAL INFORMATION

<b>Eye Effects:</b>	May cause irritation and reddening. Immediately rinse eyes with large quantities of water; continue 10-15 minutes or until the material has been removed; be sure to remove contact lenses, if present and to lift upper and lower lids during rinsing. Get medical attention if irritation persists.
<b>Skin Effects:</b>	May cause irritation; rinse skin with water, rinse shoes and launder clothing before use. Reversible reddening may occur in some dermal-sensitive users, thoroughly rinse area and get medical attention.
<b>Acute Inhalation Effects:</b>	Exposures to concentrate-mist may cause mild irritation of nasal passages or throat; remove to fresh air. Get medical attention if irritation persists.
<b>Acute Oral Effects:</b>	May be irritating to mouth, throat and stomach. May cause gastric tract disorder and/or damage in large quantities. Give several glasses of water to dilute; do not induce vomiting. If stomach upset occurs, consult physician.
<b>Chronic Effects:</b>	None known
<b>Carcinogenicity:</b>	Neither product nor its ingredients are listed by IARC, NTD or OSHA
<b>Mutagenicity:</b>	Not mutagenic
<b>Teratogenicity:</b>	Not Teratogenic

## SECTION 12 – ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Not determined
<b>Environmental Fate:</b>	Decomposes to carbon, oxygen, nitrogen and water.
<b>Environmental Degradation:</b>	Biodegradable
<b>Soil Absorption/Mobility:</b>	Not determined

## SECTION 13 – DISPOSAL CONSIDERATIONS

<b>Waste disposal method:</b>	Sanitary landfill or incinerate in approved facilities in accordance with local, state and federal regulations.
<b>Disposal Regulatory Requirements:</b>	Shipments of waste material may be classified as hazardous and subject to manifesting requirements through applicable regulatory agency.
<b>Container Cleaning and Disposal:</b>	Containers should be cleaned of residual product before disposal, and disposed of in accordance with all applicable laws and regulations.

## SECTION 14 – TRANSPORT INFORMATION

<b>DOT Shipping Name:</b>	Non-Hazardous
<b>Shipping Symbols:</b>	None
<b>Hazard Class:</b>	None
<b>DOT Identification No.:</b>	None
<b>Packing Group:</b>	None
<b>Label:</b>	Non-Hazardous
<b>DOT Class</b>	55
<b>Packaging Authorizations</b>	
a) Exceptions:	Not applicable
b) Non-bulk Packaging:	Not applicable
c) Bulk Packaging:	Not applicable
<b>Quantity Limitations</b>	
a) Passenger, Aircraft, or Railcar:	One liter

<b>b) Cargo Aircraft Only:</b>	One liter
<b>Vessel Stowage Requirements</b>	
<b>a) Vessel Stowage:</b>	Not applicable
<b>b) Other:</b>	Not applicable

### SECTION 15 – REGULATORY INFORMATION

#### EPA Regulations

RCRA Hazardous Waste Number and RCRA Hazardous Waste Classification:	Not applicable
CERCLA Hazardous Substance and CERCLA Reportable Quantity:	Not applicable
SARA Toxic Chemical and SARA EHS:	CS-10A contains no components at a level that could require reporting under "SARA" Section 313.

<b>OSHA Regulations:</b>	Must comply with OSHA standard 29 CFR 1910.1200 (employee right to know)
--------------------------	--

### SECTION 16 – OTHER INFORMATION

<b>Prepared By:</b>	Additives Plus
<b>Additional Hazard Rating Systems:</b>	None

**Disclaimer: THE INFORMATION GIVEN HEREIN IS GIVEN IN GOOD FAITH AND FROM SOURCES WE BELIEVE RELIABLE. BUT NO WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS CORRECTNESS IS MADE.**

The conditions or methods of handling, storage, use and disposal of this product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.

This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not apply.

**CONSULT ADDITIVES PLUS FOR FURTHER INFORMATION.**