



TRANS-CHEMCO, INC.

Safety Data Sheet

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TRANS-10A

Revision Date: 5/4/2015

1. IDENTIFICATION

Product identifier used on label: TRANS – 10A

Other means of identification: 10% Silicone Antifoam Emulsion, Water-Based, Food-Grade, Kosher

Recommended uses: Antifoaming agent. Defoamer.

Recommended restrictions: For industrial use only. See product Technical Bulletin for maximum use levels when used in food.

Manufacturer's details: Trans-Chemco, Inc.

19235 84th Street
P.O. Box 9
Bristol, WI 53104-0009 USA

Tel: (262) 857-2363
Fax: (262) 857-9127
E-mail: info@trans-chemco.com
www.trans-chemco.com

Emergency phone number: (262) 857-2363

2. HAZARD(S) IDENTIFICATION

Classification: Not hazardous

GHS Label Elements:

Signal word: N/A

Hazard statement: N/A

Symbol(s): N/A

Precautionary statement: N/A

Other Hazards: None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component Name</u>	<u>CAS Number</u>	<u>Concentration (% by wt)</u>	<u>Classification</u>
Polydimethylsiloxane Compound	Mixture	10	Non-hazardous

This product contains no components at levels reportable as hazardous per OSHA Hazard Communication Standard 29 CFR 1910.1200, or in physical form reportable as hazardous per OSHA Hazard Communication Standard 29 CFR 1910.1200.



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4. FIRST AID MEASURES

First aid measures:

- Eye:** Immediately flush eyes with a direct stream of water for at least 15 minutes while forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Get prompt medical attention if irritation develops.
- Skin:** Flush skin with water and wash with mild soap and water. Seek medical attention if irritation develops or rash occurs. Remove contaminated clothing and wash before reuse.
- Inhalation:** No first aid should be needed.
- Oral:** No first aid should be needed. Seek medical attention if large quantities are consumed. Do not induce vomiting except by physician's order. If spontaneous vomiting is inevitable, prevent aspiration by keeping victim's head below the knees.

Most important symptoms/effects: May cause minor irritation.

Notes to physician: Treat according to person's condition and specifics of exposure.

5. FIRE FIGHTING MEASURES

- Suitable extinguishing media:** Dry chemical, carbon dioxide, and foam.
- Unsuitable extinguishing media:** None known.
- Specific firefighting measures:** Use water spray to cool containers exposed to flames. If leak or spill has not ignited, use water spray to disperse the vapors.
- Specific hazards during firefighting:** None known.
- Special protective equipment and precautions for firefighters:** Do not enter enclosed or confined workspaces without proper protective equipment. Firefighting personnel should wear respiratory protection (positive pressure if available).



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6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment as described in Section 8. No special protective equipment should be needed.
Use caution; spilled material may present a slipping hazard.

Methods and materials for containment and cleaning up:

Build dike to contain flow. Remove free liquid. Contain spill and keep from entering waterways or sewers.
Absorb on inert material. Shovel, sweep, or vacuum spill and place in closed container for disposal according to local, state, and federal regulations.

7. HANDLING AND STORAGE

Precautions for safe handling:

Keep container tightly closed when moving or storing. Do not dilute product with water and store in diluted form.
Exercise good personal and industrial hygiene when handling food-grade antifoams and defoamers. Avoid unsanitary conditions, usage, and storage.

Conditions for safe storage:

Store this product below 110 °F (43 °C) in a cool, dry, well-ventilated area away from direct sources of heat, moisture, or sunlight. Do not store near strong oxidizing materials. Preferentially store below 77 °F (25 °C). To prolong shelf life, this product may be refrigerated. For best quality, protect product from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component Exposure Limits: There are no components at reportable levels with workspace exposure limits.

Engineering Controls:

Local Ventilation: None should be needed.

General Ventilation: Recommended.

Personal Protective Equipment for Routine Handling and Spills:

Eyes: Always wear eye protection. Goggles or safety glasses with side shields are recommended.

Skin: Wash hands at mealtime and end of shift.

Suitable Gloves: Chemical resistant gloves.

Inhalation/Suitable Respirator: No respiratory protection should be needed.

Precautionary Measures: Avoid eye contact at all times. Use reasonable care. Exercise good industrial hygiene.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Milky white liquid	Vapor Pressure:	Not determined
Odor:	Undetectable to Mild	Vapor Density (Air = 1):	Not determined
Odor Threshold:	Not determined	Bulk Density @ 25 °C:	8.35 lbs/gal
pH (neat @ 25 °C):	3.5 - 4.5	Relative Density @ 25 °C:	1.01
Melting/Freezing Point:	~ 32° F	Solubility in Water:	Dispersible
Boiling Point:	~ 212° F	Partition Coefficient	
Flash Point:	> 212° F	(n-octanol/water):	Not determined
Evaporation Rate:	Not determined	Auto-ignition Temperature:	Not determined
Flammability:	Not flammable	Decomposition Temperature:	Not determined
Flammability Limits in Air:	Not determined	Viscosity @ 25° C:	Pseudoplastic*
Volatile Organic %:	Negligible		

The physical data presented here are representative values, as the actual product's values may vary slightly.

* Non-Newtonian viscosity. Viscosity will vary depending upon the shear force applied. Increased shear results in a lower viscosity.

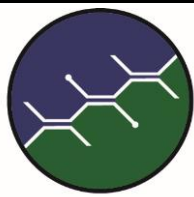
10. STABILITY AND REACTIVITY

Reactivity:	No known hazardous reactions under normal use conditions.
Chemical stability:	Stable under normal handling and storage conditions.
Possibility of hazardous reactions:	Hazardous polymerization will not occur.
Conditions to avoid:	Extreme temperatures.
Incompatible materials:	Oxidizing material can cause a reaction.
Hazardous decomposition products:	Under high heat or fire conditions, the following compounds may be formed: carbon oxides including carbon monoxide, silicon oxides, and formaldehyde.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure/Symptoms:

Eye:	Direct contact may cause temporary irritation.
Skin:	Some individuals may experience minor irritation and discomfort to skin. Repeated or prolonged exposure may cause minor irritation.
Inhalation:	Not expected to be an inhalation hazard.
Oral:	Effects of ingesting small quantities are expected to be minimal. Never taste or swallow product.



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Acute Toxicity:

Not classified

Oral:

LD50: >5000 mg/kg ATE (calculated)

Dermal:

LD50: Not determined

Inhalation:

LC50: Not determined

Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

Serious eye damage/irritation:

Based on available data, the classification criteria are not met.

Respiratory sensitization:

Based on available data, the classification criteria are not met.

Skin sensitization:

Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity
(single exposure):

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

Chronic Effects:

Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

Carcinogenicity

No components present at 0.1% or greater are classified as carcinogens by the NTP, IACR or OSHA.

Reproductive toxicity:

Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity
(repeated exposure):

Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Fish

LC50 (Pimephales promelas, 48h): 6420 mg/L

Aquatic Invertebrate

LC50: (Ceriodaphnia dubia, 48h): 3350 mg/L

Persistence and degradability:

Complete data is not yet available.

Bioaccumulative potential:

Complete data is not yet available.

Mobility in soil:

Complete data is not yet available.

Other adverse effects:

Complete data is not yet available.



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13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all federal, state/provincial, and local regulations. Please contact Trans-Chemco if additional information is required.

EMPTY CONTAINER WARNINGS Empty containers may contain product residue. Follow SDS and label warnings even after they have been emptied.

14. TRANSPORT INFORMATION

DOT Road Shipment Information (49 CFR 172.101):

UN Number: N/A
DOT Proper Shipping Name: N/A
DOT Technical Name: N/A
DOT Hazard Class(es): N/A
DOT Packing Group: N/A
Marine Pollutant: No

Air Shipment (IATA): Not subject to IATA regulations

Ocean Shipment (IMDG): Not subject to IMDG code.
Transport in bulk: N/A

Special precautions: None known.

15. REGULATORY INFORMATION

International Chemical Inventory Status:

USA (TSCA): All ingredients are listed or exempt.

Canada (DSL): All ingredients are listed or exempt.

EPA SARA Title III Chemical Listings:

Section 302 Extremely Hazardous Substances: None

Section 304 CERCLA Hazardous Substances: None

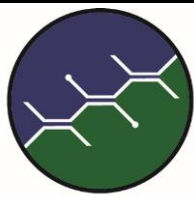
<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>	<u>Reportable Quantity (#)</u>
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Section 312 Hazard Class:

Acute:	No
Chronic:	No
Fire:	No
Pressure:	No
Reactive:	No

Section 313 Toxic Chemicals: None or none present in regulated quantities.

California Proposition 65: This product contains one or more chemicals known to the state of California to cause cancer, birth defects and/or other reproductive harm.



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16. OTHER INFORMATION

Revision Date: 5/4/2015
Reason for changes: Update to GHS format

	Health	Fire	Reactivity	Special
HMIS:	0	0	0	N/A
NFPA:	0	0	0	N/A

Note: HMIS and NFPA ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information in this SDS must be considered.

NFPA = National Fire Protection Association
HMIS = Hazardous Material Information System

Disclaimer: This safety data sheet (SDS) was prepared in accordance with the 29 CFR 1910.1200. The information contained herein is based upon data available to us and reflects our best professional judgment. However, no warranty is expressed or implied regarding the accuracy of such information or the results obtained from the use thereof. We assume no legal responsibility whatsoever for any damage resulting from reliance upon this information since it is being furnished upon the condition that the person receiving it shall make his or her own determination of the suitability of the material described herein for a particular application, storage, or disposal situation.