



SAFETY DATA SHEET

TRANS-4062

Revision Date: 8 May 2023

1) IDENTIFICATION

PRODUCT NAME TRANS-4062
IDENTIFICATION NUMBER
PRODUCT USE/CLASS Proprietary Antifoam, Water-Based (Food-Grade, Kosher: Non-Silicone)
CAS NUMBER Mixed

SUPPLIER:

Applied Material Solutions, Inc.
 1001 E. Centralia Street
 Elkhorn, WI 53121
 Phone: (262)723-6595 Fax: (262)723-3830

Emergency telephone: 1-800-535-5053 (INFOTRAC)
 24 Hours day / 7 Days week

2) HAZARDS

Classification: This product is not classified as hazardous under the GHS or OSHA Hazardous Communication Standard 29 CFR 1910.1200.

GHS Label Elements:

Symbol(s): None

Signal Word(s): None

Hazard statement(s): None

Precautionary statement(s):

Prevention: P101 If medical advice is needed, have product container or label at hand
 P102 keep out of the reach of children
 P103 Read label before use
Response: P301+312 If SWALLOWED: Call a POSION CENTER or doctor/physician if you feel unwell.
Storage: P302+P352 IF ON SKIN: Wash with plenty of soap and water.
Disposal: P304+P312 IF INHALED: Call a POSION CENTER or doctor/physician if you feel unwell.

Other Hazards: None known

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3) COMPOSITION/INFORMATION ON INGREDIENTS

<u>COMPONENT NAME</u>	<u>CAS NUMBER</u>	<u>Concentration (% by wt)</u>
Product	Mixed	100 %

Other Comments: 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.

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

Flammability assessment:	Not Flammable
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:	Can produce Carbon monoxide, Carbon dioxide and formaldehyde
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).

6) ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures:**

See Section 8 for proper PPE when handling this product. Absorb with sand, etc. and dispose as dry waste in accordance with all applicable regulations. Absorb small spill with inert material (dry sand or earth), then place in a chemical waste container. For large spills, dike for later disposal.

TRANS-4062**Methods and materials for containment and cleaning up:**

Absorb small spill with inert material (dry sand or earth), then place in a chemical waste container.

Dispose of all contaminated materials in accordance with all Local, State and Federal regulations.

Do not discharge into soil, ground water, waterways or sewer systems.

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**EXPOSURE LIMITS**

Component	CAS #	OSHA PEL		ACGIH TLV	NIOSH REL		FORM
Vegetable oil (mist)		15mg/m ³ total mist	5mg/m ³ respirable fraction	10 mg/m ³	10 mg/m ³ total mist	5mg/m ³ respirable fraction	Mist

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.

9) PHYSICAL AND CHEMICAL PROPERTIES

Flash Point: Not determined

Flammability Limits in Air:

Lower Limit	Not determined
Upper Limit	Not determined

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Auto-ignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Flammability:	Not flammable
Appearance:	Opaque off-white liquid
Odor:	Bland
Odor Threshold:	Not determined
pH (100.0 % @ 25°C):	4.0 – 4.5
Melting/Freezing Point:	~ 32° F / 0° C
Boiling Point:	~ 212° F / 100° C
Evaporation Rate:	Not determined
Viscosity @ 25°C:	1000 - 3000*
Volatile Organic %:	Not determined
Vapor Pressure:	Not determined
Vapor Density (Air=):	Not determined
Bulk Density @ 25°C:	8.25 lbs/gal
Relative Density @ 25°C:	0.99
Solubility in Water:	Dispersible
Partition Coefficient (n-octanol/water):	Not determined

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

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.

11) TOXICOLOGICAL INFORMATION**Acute Toxicity:**

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

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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, IARC 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.

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.

12) ECOLOGICAL INFORMATION

Ecotoxicity:	Complete data is not yet available.
Persistence and degradability:	Complete data is not yet available.
Bioaccumulative potential:	Complete data is not yet available.

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Mobility in soil: Complete data is not yet available.

Other adverse effects: Complete data is not yet available.

13) DISPOSAL CONSIDERATIONS**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: **Not Regulated as Hazardous by the DOT**

DOT Proper Shipping Name:

DOT Technical Name:

DOT Hazard Class(es):

DOT Packing Group:

Marine Pollutant: **NA**

Air Shipment (IATA): Not regulated as hazardous by IATA

Ocean Shipment (IMDG): Not regulated as hazardous by IMDG

Transport in bulk: **Not regulated as hazardous**

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.

Canada WHIMS Status

Canada WHIMS

EPA SARA Title III Chemical Listings:**Section 302 Extremely Hazardous Substances:**

Component Name	CAS Number	wt %	Hazard
None			

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Section 304 CERCLA Hazardous Substances:

Component Name	CAS Number	wt%	Reportable Quantity (#)
None			

Section 312 Hazard Class:

Acute: Yes No
 Chronic: Yes No
 Fire: Yes No
 Pressure: Yes No
 Reactivity: Yes No

Section 313 Toxic Chemicals: Only chemicals which exceed the reporting threshold are included below:

Component Name	CAS Number	wt%
None		

Other Regulatory Concerns:

State right to know:

Components	CAS Number	CA Prop 65	NJ	PA	MA
None					

Proposition 65 statement:

TRANS-4062 does not contain any chemicals known to the state of California that cause cancer and/or birth defects or other reproductive harm.

16) - OTHER INFORMATION

Revision date: 8 May 2023
 Reason for change: Added Prop 65 statement
 Revised by: MTJ
 Reviewed by: MJ
 Approval date: 8 May 2023
 Version: 5.0

	Health	Fire	Reactivity	Special
HMIS:	1	0	0	

Note: HMIS 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 the SDS must be considered.

HMIS = Hazardous Material Information System

*Chronic effect

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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 judgement. 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.