



SAFETY DATA SHEET

TRANS-245

Revision Date: 27 January 2023

1) IDENTIFICATION

PRODUCT NAME Trans-245
IDENTIFICATION NUMBER
PRODUCT USE/CLASS Antifoaming Agent / For industrial use only.
CAS NUMBER

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: Acute Toxicity (oral): Category 4
 Skin Corrosion/irritation: Category 2
 Serious eye damage/eye irritation: Category 2A

GHS Label Elements:

Symbol(s):



Signal Word(s):

Hazard statement(s): H302 Harmful if Swallowed
 H315 causes skin irritation
 H319 Causes serious eye irritation

Precautionary statement(s):

Prevention: P102 Keep out of reach of children
 P261 Avoid breathing dust/fume/gas/mist/vapor/spray
 P264 Wash hands thoroughly after handling

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Response: P270 Do not eat, drink or smoke when using this product
 P330 Rinse Mouth
 P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing
 P352 Wash with plenty of soap and water.
 P363 Wash contaminated clothing before reuse

Storage: P402+P404 Store in a dry place. Store in a closed container

Disposal: P501 Dispose of contents/container to a qualified waste disposal company in accordance with local/regional/national/international regulations.

Other Hazards: See Section 11 for Health effects. See Section 12 for environmental effects.

3) COMPOSITION/INFORMATION ON INGREDIENTS

<u>COMPONENT NAME</u>	<u>CAS NUMBER</u>	<u>Concentration (% by wt)</u>
Alcohol Alkylate	Proprietary	Proprietary

Other Comments:

4) FIRST AID MEASURES**First aid measures:**

Eye: Immediately flush eyes with 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: Remove to fresh air. Seek medical attention if irritation occurs.

Oral: 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 victims head below knees rinse mouth thoroughly with water.

Most important symptoms/effects: Cause skin irritation. Causes serious eye irritation. Harmful if swallowed.

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: Exposure to combustion products may be hazard to health.

TRANS-245**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: Use personal protective equipment as described in Section 8. No special protective equipment should be needed. Follow safe handling advice and personal protective equipment recommendations.

Methods and materials for containment and cleaning up: build dike to contain flow. Remove free liquid. Contain spill and keep 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 dilute form. Exercise good personal and industrial hygiene when handling antifoams and defoamers. Avoid unsanitary conditions, usage, and storage. Take care to prevent spills and waste and minimize release to the environment.

Conditions for safe storage: Keep in properly labeled containers. Store this product below 110° F in a cool, dry, well-ventilated area away from direct sources of heat, moisture, or sunlight. Product may become cloudy if stored in a hot environment, but should regain clarity at lower storage temperatures. Protect product from freezing.

8) EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS								
Component	CAS #	OSHA PEL		ACGIH TLV		NIOSH REL		FORM
None								

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 at end of shift.

Suitable Gloves: Chemical resistant gloves.

Inhalation/Suitable Respirator: A NIOSH/MSHA approved respirator should be used where ventilation is inadequate or if breathable aerosols/mists are formed.

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Precautionary Measures: Avoid eye contact. Avoid skin contact. Use reasonable care. Exercise good industrial hygiene.

9) PHYSICAL AND CHEMICAL PROPERTIES

Flash Point:		>212° F
Flammability Limits in Air:	Lower Limit	Not Determined
	Upper Limit	Not Determined
Auto-ignition Temperature:		Not Determined
Decomposition Temperature:		>212° F
Flammability:		Not Determined
Appearance:		Pale yellow to orange Liquid
Odor:		Characteristic
Odor Threshold:		Not Determined
pH (neat)		4.5-6.5
Melting/Freezing Point:		>32° F
Boiling Point:		>212° F
Evaporation Rate:		Not Determined
Viscosity @ 25°C:		100-200cP
Volatile Organic %:		Not Determined
Vapor Pressure:		Not Determined
Vapor Density (Air=):		Not Determined
Bulk Density @ 25°C:		8.62 lbs/gal
Relative Density @ 25°C:		Dispersible
Solubility in Water:		Not Determined
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:	No hazardous decomposition products if stored and handled as prescribed/indicated.
Conditions to avoid:	None Known.
Incompatible materials:	Acids, alkaline, caustic, halogens, oxidizers, reactive chemicals.
Hazardous decomposition products:	Carbon oxides, sulfur oxides, and traces of incompletely burned carbon compounds may occur at temperatures >100°C.

11) TOXICOLOGICAL INFORMATION

Acute Toxicity: Harmful if swallowed. Skin irritant. Eye irritant.

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Oral:	LD50: >1000 mg/kg ATE (calculated)
Dermal:	LD50: Not Determined
Inhalation:	LD50: Not Determined
Skin corrosion/irritation:	Causes skin irritation
Serious eye damage/irritation:	Causes serious eye irritation
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:	

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.

Likely Routes of Exposure/Symptoms:

Eye:	Causes sever eye irritation.
Skin:	Causes skin irritation.
Inhalation:	Not expected to be an inhalation hazard. Observe component exposure limits.
Oral:	Effects of ingesting small quantities are expected to be minimal. Never taste or swallow product.

12) ECOLOGICAL INFORMATION

Ecotoxicity: Harmful to aquatic life. Complete data is not yet available.*

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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.*

13) DISPOSAL CONSIDERATIONS**Disposal considerations:**

Dispose of in accordance with all federal, state/provincial, and local regulations.

Empty container warnings:

Empty containers may contain product residue. Follow SDS and label warning 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):**Ocean Shipment (IMDG):**

Transport in bulk:

Special precautions:**15) REGULATORY INFORMATION****International Chemical Inventory Status:**

USA (TSCA):	All ingredients are listed or exempt.
DSL:	All ingredients are listed or exempt.
EINICS:	All ingredients are listed or exempt.
AICS:	All ingredients are listed or exempt.
CANADIAN WHMIS CLASS:	D2B Toxic Material
Korea	Not Known
China	Not Known
Canada WHMIS	This SDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

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EPA SARA Title III Chemical Listings:

Section 302 Extremely Hazardous Substances:

Component Name	CAS Number	wt %	Hazard
None			

Section 304 CERCLA Hazardous Substances:

Component Name	CAS Number	wt%	Reportable Quantity (#)
Not Applicable			

Section 312 Hazard Class:

Acute:	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
Chronic:	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Fire:	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Pressure:	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Reactivity:	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

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

Component Name	CAS Number	wt%
None or none present in regulated quantities		

Other Regulatory Concerns:

State right to know:

Components	CAS Number	CA Prop 65	NJ	PA	MA
None					

16) - OTHER INFORMATION

Revision date: 27 January 2023
 Reason for change: Yearly Document Review
 Revised by: JL
 Reviewed by: MTJ
 Approval date: 27 January 2023
 Version: 3.0

	Health	Fire	Reactivity	Special
HMIS:	2	1	0	N/A

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.