

TCS-410 Defoamer

Section 1 - Chemical Product & Company Identification

Manufacturer: TCS Environmental Compliance
13445 Floyd Circle
Dallas, TX 75243-1595 USA
(214) 263-1240
Emergency Phone: 800-424-9300 or +1-703-527-3887 Chemtrec

Product / Chemical Name: E2-410 Defoamer
Chemical Formula: Blend
Alternate Names: Silicone based defoamer

Section 2 - Composition / Information on Ingredients

Material	CAS #	Quantity	Hazard	OSHA PEL	ACGIH TLV (TWA)	ACGIH TLV (STEL)
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Section 3 - Hazards Identification

Acute Health Effects

Inhalation: None.
Eye Contact: May be irritating.
Skin Contact: May cause irritation with prolonged or repeated exposure.
Skin Absorption: Not absorbed through the skin.
Ingestion: May cause gastric upset.

Chronic Health Effects

Carcinogenicity: No
Chronic Effects:
Conditions Aggravated by Exposure:
Pre-existing skin irritation.

HMIS Codes (* Indicates Chronic Effects)

2 Health

0 Flammability

0 Reactivity

B Personal Protection

Section 4 - First Aid Measures

Inhalation: None required.
Eye Contact: Flush immediately with water for 15 minutes. If irritation occurs, seek medical attention.
Skin Contact: Flush immediately with water. If irritation occurs, seek medical attention.
Ingestion: Administer several glasses of water. Induce vomiting. Seek medical attention immediately.
Note to Physicians: Not applicable

Section 5 - Fire Fighting Measures

Flash Point:
Explosion Lower Limit: Not est.
Flash Point Method:
Explosion Upper Limit: Not est.
Flammability Classification:
Extinguishing Media: Not applicable
Unusual Fire Or Explosion Hazard: Not applicable
Fire Fighting Equipment:
Fire Fighting Instructions: Not applicable
ERG Fire Fighting Instructions:

129 CFR 1910.1200

Section 6 - Accidental Release Measures

Large Spills: Dike spill. Transfer to suitable container for disposal. Absorb residue with clay or flush with water.
Small Spills:
Protection for Responders:

Section 7 - Handling & Storage

Handling: Wear protective eyewear and gloves when handling this product.
Storage: Store in a cool, dry place away from incompatible materials.

Section 8 - Exposure Controls / Personal Protection

Respiratory Protection: None required in most cases.

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Ventilation: None required in most cases.
Gloves: Rubber
Eye Protection: Splash-proof chemical goggles or face shield
Other Protection: None usually required.

Section 9 - Physical & Chemical Properties

Appearance:	Viscous, white, opaque emulsion	Solubility in Water:	Dispersible
State:	Liquid	Specific Gravity / Density:	1.026
Odor:	None to Mild	% VOC:	
pH:		Viscosity:	Medium
Vapor Pressure:	Approx. 20.00 mmHg	Evaporation Rate:	Approx. 1.00
Vapor Density:	< 1	Bulk Density:	
Boiling Point:	Approx. 212.0°F (100.0°C)	% Volatile:	Approx. 80.00%
Freezing Point:		Mixture or Pure:	Mixture

Section 10 - Stability & Reactivity

Chemical Stability: Stable
Conditions To Avoid:
Incompatibility With Other Materials: Materials that react violently with water.
Hazardous Decomposition Products: Not applicable
Hazardous Polymerization: Will not occur.

Section 11 - Toxicological Information

No Information Available

Section 12 - Ecological Information

No Information Available

Section 13 - Disposal Considerations

Disposal Methods: Landfill or release to sewer in accordance with Federal, state, & local regulations.

Section 14 - Transportation Information

United States Department of Transportation (US DOT)

Proper Shipping Name: Non-Regulated
Hazard Class:
ID #:

Packing Group:
Emergency Response Guide:

Freight Information

Freight Class Or Rate: 55

National Motor Freight Code: 048580-03

Section 15 - Regulatory Information

The following is for the individual hazardous components only.

United States Environmental Protection Agency (US EPA)

Material	CAS #	SARA §313	Priority Chem	SARA TPQ	CERCLA RQ	RCRA Waste #	Clean Air	Risk Mgmt	Storm Water
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United States Occupational Safety & Health Administration (US OSHA)

Material	CAS #	1910.119	HCS NTP	HCS IARC	HCS Sub Z	HCS ACGIH	ACGIH TLV (TWA)	ACGIH TLV (STEL)	OSHA PEL
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United States Department of Transportation (US DOT)

Material	CAS #	Table 172.101	Appendix A	Appendix B	CA Prop 65	Canada	NFPA				
					Reproductive	Carcinogen	WHMIS	Fire	Health	Reactivity	Flash Point

This information is provided from available data, but the user should consult their own local, state, & federal regulatory laws for complete information.

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Section 16 - Other Information

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Bob Oliver

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Additional Information: