

TCS-624D Flocculant

Section 1 - Identification

Manufacturer: TCS Environmental Compliance
 13445 Floyd Circle
 Dallas, TX 75243-1503 USA
 (214) 263-1240

www.TCS-Env.com

Product Name: OS-624D Flocculant
Chemical Formula: Blend
Alternate Names:
SDS Code: tcs000624D
Last Printed: 06/30/2015

Emergency Phone: 800-424-9300 or +1-703-527-3887 Chemtrec

Section 2 - Hazard(s) Identification

GHS Hazard Classification(s)

Not Classified as Hazardous under Globally Harmonized System (GHS): Also classified as Non-Hazardous under OSHA Defined Hazard

GHS Label Elements

Not Classified as Hazardous under Globally Harmonized System (GHS)

Acute Health Effects

Inhalation: Not usually a hazard.
Eye Contact: May be irritating.
Skin Contact: May be irritating with prolonged or repeated exposure.
Skin Absorption: Not absorbed through the skin.
Ingestion: May cause gastric upset.

Chronic Health Effects

Carcinogenicity: None listed by NTP, IARC and OSHA.
Chronic Effects:
Conditions Aggravated by Exposure: Pre-existing skin irritation.

HMIS Codes (* Indicates Chronic Effects)

1 Health

0 Flammability

0 Reactivity

C Personal Protection

Section 3 - Composition / Information on Ingredients

Material	CAS #	Quantity	Hazard	OSHA PEL	ACGIH TLV (TWA)	ACGIH TLV (STEL)
Dimethylamine epichlorohydrin ethylenediamine copolymer (polyquaternary amine)	42751-79-1	20%-30%				
Water	7732-18-5	70%-80%				

Section 4 - First Aid Measures

Inhalation: Not applicable.
Eye Contact: Remove immediately from source of exposure & remove any contact lenses. Flush immediately with water for 15 minutes washing thoroughly under eyelids. If irritation occurs, seek medical attention.
Skin Contact: Flush thoroughly with water. Remove contaminated clothing & wash before wearing again. Cleanse skin thoroughly with soap & water. If irritation occurs, seek medical attention.
Ingestion: Induce vomiting as directed by medical personnel. NEVER make an unconscious person vomit or drink fluids. Give several glasses of water. If vomiting keep head below hips. Seek medical attention immediately.

Note to Physicians: Not applicable.

Section 5 - Fire Fighting Measures

Flash Point: Not est. **Flash Point Method:**
Explosion Lower Limit: Not est. **Explosion Upper Limit:** Not est.
Flammability Classification: 1 ²⁹ CFR 1910.1200
Extinguishing Media: Not applicable
Unusual Fire Or Explosion Hazard: Exposure to flame may release oxides of carbon.
Fire Fighting Equipment:
Fire Fighting Instructions: Not applicable

Section 6 - Accidental Release Measures

Large Spills: Dike spill. Transfer to suitable container for disposal. Spills can be slippery or sticky. Flush residue thoroughly with water.

Section 7 - Handling & Storage

Handling: Wear protective eyewear when handling this product. When using it with nitric acid solutions, also wear protective gloves and apron.
Storage: Store in a cool, dry place away from incompatible materials.

Section 8 - Exposure Controls / Personal Protection

Respiratory Protection: None required in most cases.
Ventilation: None required in most cases. When mixed with nitric acid, local ventilation is recommended.
Gloves: Wear chemical resistant gloves (rubber or plastic).

TCS-624D Flocculant

Eye Protection: Wear chemical safety glasses with side shields, chemical goggles or face shield. If necessary, refer to OSHA 29 CFR 1910.133. Contact lenses should not be worn. Eyewash station should be readily available.

Other Protection: Wear protective clothing impervious to this material such as gloves, lab coat or coveralls, boots & apron. Eyewash station, safety shower & washing facilities should be readily available. Wash clothing before reuse.

Section 9 - Physical & Chemical Properties

Appearance: Clear, Amber-Colored	Solubility in Water: 100%
State: Liquid	Specific Gravity: 1.070
Odor: None	% VOC: 0.00%
pH: Approximately 6.00	Viscosity: Medium
Vapor Pressure: 58.00 mmHg	Evaporation Rate: < 1.00
Vapor Density: Unknown	Bulk Density:
Boiling Point: > 212.0°F (100.0°C)	% Volatile: 7.00%
Freezing Point: Approx. 32.0°F (0.0°C)	Mixture or Pure: Mixture

Section 10 - Stability & Reactivity

Chemical Stability: Stable
Conditions To Avoid:
Incompatibility With Other Materials: Strong oxidizers and materials that react violently with water.
Hazardous Decomposition Products: Exposure to flame may generate oxides of carbon.
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: Land fill or release to sewer in accordance with Federal, state, & local regulations.

Section 14 - Transport 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
Dimethylamine epichlorohydrin ethylenediamine copolymer (polyquaternary amine)	42751-79-1								
Water	7732-18-5								

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
Dimethylamine epichlorohydrin ethylenediamine copolymer (polyquaternary amine)	42751-79-1								
Water	7732-18-5								

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
Dimethylamine epichlorohydrin ethylenediamine copolymer (polyquaternary amine)	42751-79-1										
Water	7732-18-5										

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

Section 16 - Other Information

Last Revised: 06/30/2015

Last Printed: 06/30/2015

Disclaimer: The suggestions & data provided herewith are based upon tests which TCS Environmental Compliance believes to be reliable. However, we make no guarantee with respect thereto and assume no liability resulting from the use thereof. Users should make their own investigations to determine the suitability of the information or products for their particular purpose. Furthermore, nothing contained herein is intended as permission, inducement or recommendation to violate any laws or to practice any invention covered by existing patents.