SAFETY DATA SHEET

TCS-630 Coagulant

Section 1 - Identification

Manufacturer: TCS Environmental Compliance
3609 Marquis Dr
Garland TX, 75042 USA
(214) 263-1240
Emergency Phone: 800-424-9300 or +1-703-527-3887 Chemtrec

SDS ID: tcs000630
Print Date: 12/02/2021
Chemical Formula: Blend
CAS #: Blend
Product Name: TCS-630 Coagulant
Alternate Names:

Section 2 - Hazard(s) Identification

GHS Hazard Classification(s)

Skin Corrosion/Irritation - *Category 2*
Serious Eye Damage/Eye Irritation - *Category 2*
Specific Target Organ Toxicity - Single Exposure - *Category 3 (with Irritation)*

GHS Label Elements

Pictogram(s):

Exclamation Mark

Signal Word: Warning

Hazard Statement(s):

Health

H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.

Precautionary Statement(s):

Prevention

P261 - Avoid breathing dust/fume/gas/mist/vapor/spray.
P264 - Wash face/hands/any exposed skin thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302+P352 - IF ON SKIN: Wash with plenty of water.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a POISON CENTER or doctor if you feel unwell.
P321 - Specific treatment (see First Aid Measures section on this SDS / Label).
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.

Storage

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.

Disposal

P501 - Dispose of contents/container in accordance with Local, State, Federal & International regulations .

Acute Health Effects

Inhalation: May be irritating to respiratory system as mist, but not usually a hazard.
Eye Contact: May be irritating (moderate to severe).
Skin Contact: May be irritating with prolonged or repeated exposure.
Skin Absorption: Not usually a problem under normal conditions.
Ingestion: May be irritating.

Chronic Health Effects

Carcinogenicity: None listed by NTP, IARC and OSHA.

Chronic Effects:

Conditions Aggravated by Exposure: Pre-existing skin irritation. Pre-existing respiratory disorders.

HMIS Codes (* Indicates Chronic Effects)

2 Health	0 Flammability	0 Reactivity	C Personal Protection

Section 3 - Composition / Information on Ingredients

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Material	CAS #	Quantity	Hazard	OSHA PEL	ACGIH TLV	ACGIH TLV (STEL)
minum chloride oxide	12042-91-0	40 - 60%	Eye Irritant			
Water and/or Non-Hazardous Components	N/A	40 - 60%				

Section 4 - First Aid Measures

Inhalation: Remove to fresh air. If not breathing, trained personnel should begin artificial respiration. If breathing is difficult, give oxygen. If heart stopped, trained personnel should begin CPR. Seek medical attention immediately.

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: Do NOT induce vomiting. NEVER make an unconscious person vomit or drink fluids. If vomiting keep head below hips. Seek medical attention immediately.

Note to Physicians: Not applicable.

Section 5 - Fire Fighting Measures

Flash Point:

Flash Point Method:

Explosion Lower Limit: Not est.

Explosion Upper Limit: Not est.

Flammability Classification[1]:

[1] 29 CFR 1910.1200

Extinguishing Media: Not applicable

Unusual Fire Or Explosion Hazard: Not applicable

Fire Fighting Equipment:

Fire Fighting Instructions: Not applicable

Section 6 - Accidental Release Measures

Large Spills: Dike spill. Prevent from entering streams or other surface water. Small spills may be washed to a chemical sewer, neutralized with soda ash, or absorbed on an inert material.

Protection for Responders: Wear positive pressure self-contained breathing apparatus (SCBA). Wear chemical protective clothing which is specifically recommended by the manufacturer. It may provide little or no thermal protection. Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations.

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: When dust/mist/vapor exceeds TLV, use NIOSH/MSHA approved respirator.

Ventilation: Local ventilation is recommended. General mechanical ventilation is recommended to maintain exposure below TLV.

Gloves: Wear chemical resistant gloves (rubber or plastic).

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, Colorless to Light Yellow

State: Liquid

Odor: None (Almost)

pH: Approx. 4

Vapor Pressure:

Vapor Density: Not Available

Boiling Point: >212.0°F (>100.0°C)

Freezing Point: Approx. 22°F (Approx. -6°C)

Solubility in Water: Complete

Specific Gravity: 1.122

% VOC: 0.00%

Viscosity: Thin

Evaporation Rate: Approx. 1.00

Bulk Density:

% Volatile: Approx. 60%

Mixture or Pure: Mixture

Section 10 - Stability & Reactivity

Chemical Stability: Stable

Incompatibility With Other Materials: Will slowly corrode iron, brass, copper, aluminum, & mild steel.

Hazardous Decompostion Products: Not applicable

Hazardous Polymerization: Will not occur.

Section 11 - Toxicological Information

No Information Available

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No Information Available

Section 13 - Disposal Considerations

Disposal Methods: Neutralization before 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: **Packing Group:**

ID #: **Emergency Response Guide:**

Freight Information **Freight Class Or Rate:** 60 **National Motor Freight Code:**

Section 15 - Regulatory Information

The following is for the individual hazardous components only.

United States Environmental Protection Agency (US EPA)

Material	CAS #	SARA 8313	Priority Chem	SARA TPQ	CERCLA RQ	RCRA Waste #	Clean Air	Risk Mgmt	Storm Water
Aluminum chloride oxide	12042-91-0								
Water and/or Non-Hazardous Components	N/A								

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
Aluminum chloride oxide	12042-91-0								
Water and/or Non-Hazardous Components	N/A								

United States Department of Transportation (US DOT)

					CA Prop 65		Canada	NFPA			
Material	CAS #	Table 172.101	Appendix A	Appendix B	Reproductive	Carcinogen	WHMIS	Fire	Health	Reactivity	Flash Point
Aluminum chloride oxide	12042-91-0										
Water and/or Non-Hazardous Components	N/A										

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

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