

### SECTION 1: Identification of the Substance / Mixture and of the Company / Undertaking

#### 1.1. Product Identifier

Trade name : S458  
 Synonyms : Scale Inhibitor

#### 1.2. Details of the Distributor of the Safety Data Sheet

Company Name : GreenSol Limited  
 Address : #39-41 Marryat Street, San Fernando, Trinidad, West Indies  
 Telephone : +1(868) 225-4858  
 Mobile : +1(868) 720-2517  
 Email : [sdeokiesingh@greensoltd.com](mailto:sdeokiesingh@greensoltd.com)

#### 1.3. Emergency Telephone Number

Emergency Number : +1(868) 720-2517 (GREENSOL)  
 : +1(800) 424-9300 (CHEMTREC)

### SECTION 2: Hazard Identification

Hazard Pictogram :

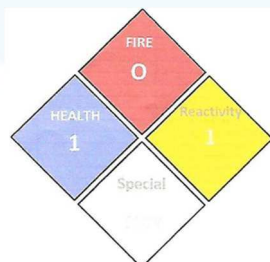


GHS07

Signal Word :

**WARNING**

NFPA Hazard Identification :



0 Least  
 1 Slight  
 2 Moderate  
 3 High  
 4 Extreme

### SECTION 3: Composition / Information on Ingredients

Active ingredients	%	CAS No.	Hazardous in Blend
Tetrasodium EDTA	<15	64-02-8	No
Sodium Hydroxide	<10	1310-73-2	No

### SECTION 4: First Aid Measures

Skin Contact	: Remove contaminated clothing. Wash affected areas with large amounts of soap and water. If irritation persists, contact a physician.
Eye Contact	: Immediately flush eyes with large amounts of water and continue flushing until irritation subsides and contact a physician.
Ingestion	: Do not induce vomiting due to aspiration hazard Dilute by drinking water. If vomiting occurs lower head below knees to avoid aspiration. Seek immediate medical attention.
Inhalation	: This material has a low vapor pressure and is not expected to present an inhalation exposure at ambient conditions.

### SECTION 5: Firefighting measures

Flammable	: NO; If Yes - Under What Conditions? N/A
Means of Extinction	: Use dry chemical, foam or Carbon Dioxide.
Flashpoint (° C) and Method	: >100 TCC
Upper Flammable Limit (% by volume)	: N/A
Lower Flammable Limit (% by volume)	: N/A
Auto-ignition Temperature (°C)	: N/A
Explosion Data - Sensitivity to Impact	: N/A
Explosion Data - Sensitivity to Static Discharge	: N/A
Special Fire Fighting Procedures	: N/A
Hazardous Combustion Products	: Dense smoke may be generated while burning. Carbon Monoxide, Carbon Dioxide, and other oxides may be generated as products of combustion.

### SECTION 6: Accidental Release Measures

Notify appropriate authorities of spill IMMEDIATELY. Do not allow spill to enter sewers or watercourses. Product should cause minimal environmental distress. Large spills may be picked up using vacuum pumps, shovels, buckets, or other means and placed in drums or other suitable containers.

### SECTION 7: Handling & Storage

Do not transfer to unmarked containers. Store in closed containers away from heat, sparks, open flame, or oxidizing materials. This product is not classified as hazardous under DOT regulations. Fire extinguisher should be kept readily available.

### Packaging Material

Recommended	: Cylinder tank-cars, tank trucks, Sealed Drums.
Not Recommended	: High corrosive materials or oxidizing.
Avoid	: High heat or flame.

### SECTION 8: Exposure Controls / Personal Protection

Ventilation	: No known significant effects or critical hazards. Ensure adequate ventilation in accordance with good practice.
Eye Contact	: Can cause eye irritation if direct contact made. If material is handled such that it could be splashed into eyes, wear plastic face shield or splash-proof safety goggles.
Skin Contact	: Can cause skin irritation. For prolonged or repeated exposures, use impervious clothing (boots, gloves, aprons, etc.) over parts of the body subject to exposure. If handling hot material, use insulated protective clothing (boots, gloves, aprons, etc.).
Ingestion	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.

### SECTION 9: Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Clear Liquid Green
Evaporation Rate	: N/A
Odour	: Negligible
pH	: 8±0.5
Boiling Point	: 100°C (D 1120-94)
Flash Point	: >100 TCC
Solubility	: Water-soluble
Viscosity	: <2-3 cps @ 25°C
Vapour Density (air=1)	: N/A
Vapour Pressure (mmHg)	: N/A
Freezing Point	: N/A

### SECTION 10: Stability and Reactivity

Chemical Stability	: Stable compound. May react with strong Oxidizing agents.
Hazardous Decomposition Products	: None
Hazardous Polymerization	: Will not occur.
Conditions to Avoid	: Heat - Open Flame.

### SECTION 11: Toxicological Information

Hazard to: Aquatic/Avian/Mammal Species at application dosage: Very Low based on Toxicology Profile.

### SECTION 12: Ecological Information

Both biodegradation and nonbiological degradation ensure that EDTA does not persist in the environment. - ref EAC

Aquatic Toxicity : Acute LC50 1030000 ug/L Fresh water - Fish - Lepomis macrochirus  
- 96 hours

### SECTION 13: Disposal Considerations

Waste Disposal Method : All disposals must comply with local regulations. The material, if spilled or discarded, may be a regulated waste. Refer to state and local regulations. Caution! If regulated solvents are used to clean up spilled material, the resulting waste mixture may be regulated. Department of Transportation (DOT) regulations may apply for transporting this material when spilled. Waste material may be landslide or incinerated at an approved facility. Materials should be recycled if possible.

### SECTION 14: Transportation Information

U.S. Department of Transportation (DOT) / Canadian TDG : Not Regulated  
IMO/IDMG : Not classified as Dangerous  
ICAO/IATA : Not classified as Dangerous  
ADR/RID : Not classified as Dangerous  
U.N. Number : Not Required  
Hazard Class : 2  
Proper Shipping Name : Flammable Liquid  
Marine Pollutant : No

### SECTION 15: Regulatory Information

All ingredients listed under EINECS, TSCA, DSL and AICS Inventory.  
No ingredients listed as Pollutants under Prevailing Legislation.

### SECTION 16: Other Information

Recommended Use: Industrial  
Reference: MTC, DOT, OSHA, NFPA, TLV.

Notice to Reader:



This SDS provides the information contained in this document in good faith but makes no representation as to its accuracy. This document is intended solely to guide the safe handling of the material by a properly trained individual. The final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be handled with caution. Although some hazards are described, it cannot be guaranteed that these are the only hazards that exist.

<b>Version</b>	<b>Date of Change</b>	<b>Change Description</b>	<b>Responsible Person</b>
2	13-05-2024	Updated to supplier SDS Rev. 2	Laboratory Coordinator

