

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

1.1. Product Identifier

Product name : Chelating Agent
 Application : Disodium dihydrogen ethylenediaminetetraacetate for Chelating agent

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@greensolltd.com

1.3. Emergency Telephone Number

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

SECTION 2: Hazard Identification

GHS Label Elements :



GHS05



GHS07

Signal Word :

WARNING

Hazard class :

Skin corrosion or irritation (Category 3). Causes mild skin irritation (H316).
 Serious eye damage or irritation (Category 2B). Causes eye irritation (H320).

Precautionary statements :

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Use only outdoors or in a well-ventilated area. Do not breathe vapour.
 Response: IF exposed or concerned: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER Or doctor if you feel unwell.

Storage :

Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Disposal :

Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazard Statement (code) : H336.H361.H373
 Precautionary Statement (code) : P201, P202, P280, P271, P260, P308+P313, P304+ P340, P312, P405, P403 + P233, P501.

SECTION 3: Composition / Information on Ingredients

Substances		√Mixtures			
Main Components	Concentration	CAS No.	Symbol	Risk Phrase	
EDTA-2Na	99%	139-33-3	-	-	

SECTION 4: First Aid Measures

4.1. Description of First Aid Measures

Inhalation : Move the exposed person to fresh air at once. If respiratory problems, artificial respiration/oxygen. Get medical attention if any discomfort continues.

Ingestion : Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Get medical attention immediately.

Skin contact : Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact : Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

Most important symptoms and effects, both acute and delayed
 General information : The severity of the symptoms described will vary dependent of the concentration and the length of exposure. If adverse symptoms develop as described the casualty should be transferred to hospital as soon as possible. For further information, please refer to section 11.

Indication of any immediate medical attention and special treatment needed : Treat Symptomatically

SECTION 5: Firefighting measures

Flash Point (°C) : N/A
 Auto Ignition Temperature (°C) : N/A
 Explosive Limit : Lower: N/A, Upper: N/A
 Extinguishing Media : CO2: x, Dry Chemical: x, Foam: x, Fog: x, Water: x.
 Hazardous Combustion Products : Product is not combustible

- Fire Fighting Procedures : Wear a self-contained breathing apparatus in pressure-demand, and full protective gear during firefighting, use extinguishing media most appropriate to extinguish surrounding fire.
- Unusual Fire and Explosion Hazards : None Reported

SECTION 6: Accidental Release Measures

Wear proper protective equipment. Vacuum or sweep spills into a suitable waste container. Avoid runoff into sewers or waterways. Recycle spills if possible.

SECTION 7: Handling & Storage

- Precautions for safe handling : Avoid unnecessary contact with skin and eyes. Wear suitable protective clothing.
- Conditions for Safe Storage, Including Any Incompatibilities : Store in tightly closed original container in a dry, cool and well-ventilated place.
- Storage Class : Chemical storage.
- Specific end use(s) : The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls / Personal Protection

- Engineering Measures : Provide adequate general and local exhaust ventilation.
- Hand protection : Chemical resistant gloves required for prolonged or repeated contact. Use protective gloves made of: Neoprene, nitrile, polyethylene or PVC.
- Eye protection : Wear splash-proof eye goggles to prevent any possibility of eye contact.
- Other protection : Wear appropriate clothing to prevent any possibility of skin contact. Provide eyewash station.
- Respiratory Equipment : If ventilation is insufficient, suitable respiratory protection must be provided. Wear mask supplied with: Gas cartridge suitable for organic substances.

SECTION 9: Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

- Appearance : Solid, Crystalline
- Color : White
- Odor Threshold : Odorless
- pH Value : 8.0-10.0
- Boiling Point (°C) : N/A
- Freezing Point (°C) : N/A
- Melting Point (°C) : 220

Relative density	: 1.0g/cm ³ min
Vapor Pressure (Pa)	: N/A
Vapor Pressure (Pa)	: N/A
Flash point (°C)	: 325
Partition Coefficient(N-Octanol/Water)	: N/A
Evaporation Rate (Acetate =1)	: N/A
Flammability	: N/A
Solubility in Water	: Soluble in water

9.2. Other Information

Not relevant.

SECTION 10: Stability and Reactivity

Reactivity	: There are no known reactivity hazards associated with this product.
Chemical Stability	: Stable under normal temperature conditions and recommended use.
Possibility of Hazardous Reactions	: Not Known.
Conditions to Avoid	: Avoid heat, flames and other sources of ignition.
Incompatible Materials	: Materials To Avoid: Avoid contact with oxidizing agents. Strong acids. Strong mineral acids.
Hazardous Decomposition Products	: During fire, toxic gases (CO, CO ₂) are formed.

SECTION 11: Toxicological Information

Aspiration hazard	: During fire, toxic gases (CO, CO ₂) are formed.
Inhalation	: Not anticipated to present an aspiration hazard based on chemical structure
Ingestion	: Vapor may irritate respiratory system or lungs.
Skin contact	: May cause discomfort if swallowed.
Eye contact	: Prolonged and frequent contact may cause redness and irritation.
Route of entry	: Spray and vapor in the eyes may cause irritation and smarting
Target Organs	: No specific target organs noted

SECTION 12: Ecological Information

12.1. Toxicity

Acute Fish Toxicity	: Bluegill/Sunfish: >1000 mg/L; 96 h; LC50.
Daphnia	: >1000 mg/L; 48 h; LC50.

12.2. Persistence and Degradability

Degradability. The product is biodegradable.

12.3. Bio accumulative potential

The product contains potentially bioaccumulating substances. Partition coefficient: >3

12.4. Mobility in Soil

The product is 100% Miscible in water a. The product contains substances, which are bound to particulate matter and are withheld in the earth.

12.5. Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

12.6. Other Adverse Effects

None known.

SECTION 13: Disposal Considerations

Disposal Methods : Prevent waste from contaminating surrounding environment.
Discard any product, residue, disposal container or liner in accordance with all federal, state and local regulations.

SECTION 14: Transportation Information

Proper Shipping Name : Not regulated.
UN Number : Not regulated.
Hazardous Class : Not regulated.
Packing Group : Not regulated.
RQ (Reportable Quantity) : Not regulated.

SECTION 15: Regulatory Information

China Regulations:

This product is listed on the Chinese IECSC.

International Regulations:

United States: Listed on TSCA.

None of the chemicals in this product are considered highly hazardous by OSHA.

Canada: Listed on Domestic Substances List.



European Union: This product is on the European Inventory of Existing Commercial Chemical Substances (EINECS).

SECTION 16: Other Information

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.

Version	Date of Change	Change Description	Responsible Person
1	15-01-2025	Updated to supplier SDS Rev. 1	Laboratory Coordinator

