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# SAFETY DATA SHEET

**Brandt Sequestar 11% Fe DTPA**

## Section 1. Identification

**GHS product identifier** : Brandt Sequestar 11% Fe DTPA  
**Product type** : solid

### Uses

**Area of application** : Not Applicable

### Supplier

**Supplier's details** : Greenway Biotech, Inc.

### Address

**Street** : 10632 Painter Ave  
**Postal code** : 90670  
**City** : Santa Fe Springs  
**Country** : United States

**Telephone number** : +1 562-351-5168

**e-mail address of person responsible for this SDS** : sales@greenwaybiotech.com

**Emergency telephone number (with hours of operation)** : US: Chemtrec 24-hours Emergency Response: 1-800-424-9300  
Canada: 24 Hour Emergency Service, (Canutec 613-996-6666)

### National advisory body/Poison Center

**Name** : The National Poisons Emergency number  
**Telephone number** : 1 800 222 1222

## Section 2. Hazards identification

**Physical hazards** : Not Classified

**Health hazards** : Not classified

**Environmental Hazards** : Not Classified

**OSHA defined hazards** : Not Classified

**Hazard Symbol** : None

<b>Signal word</b>	:	None
<b>Hazard statement</b>	:	The substance does not meet the criteria for classification.
<b>Prevention</b>	:	Observe good industrial hygiene practices.
<b>Response</b>	:	Wash hands after handling
<b>Storage</b>	:	Store away from incompatible materials.
<b>Disposal</b>	:	Dispose of waste residue in accordance with local authority requirements.
<b>Hazards not otherwise classified</b>	:	None known
<b>Supplemental information</b>	:	None

### Section 3. Composition/information on ingredients

#### Substances

Chemical Name	Common name and synonyms	CAS number	%
Ferric Diethylenetriaminepentaacetate (DTPA), sodium salt	Sodium hydrogen ferric diethylenetriaminepentaacetate Sodium ferric diethylenetriamine Penta-acetate sodium ferric diethylenetriaminepentaacetate	12389-75-2	90-100

### Section 4. First aid measures

**Inhalation:** Move to fresh air. Call a physician if symptoms develop or persist.

**Skin Contact:** Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye Contact:** Rinse with water. Get medical attention if irritation develops and persists.

**Ingestion:** Rinse mouth. Get Medical attention if symptoms occur.

**Most Important symptoms/effects, acute and delayed:** Direct contact with eyes may cause temporary irritation.

**Indication of immediate medical attention and special treatment needed:** Treat symptomatically.

**General Information:** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### Section 5. Fire Fighting Measures

**Suitable Extinguishing Media:** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>)

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical:** During fire, gases hazardous to health may be formed.

**Special Protective equipment and precautions for firefighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of a fire.

**Firefighting equipment/instructions:** Use water spray to cool unopened containers.

**Specific Methods:** Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards:** No unusual fire or explosion hazards noted.

## Section 6. Accidental release measures

**Personal Precautions, protective equipment, and emergency procedures:** Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and clean up:** Stop the flow of material, if this is without risk. Following product recovery, flush area with water. For waste disposal see section 13 of the SDS.

**Environmental precautions:** Avoid discharge into drains, water courses or onto the ground.

## Section 7. Handling and storage

**Precautions for safe handling:** Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities:** Store in tightly closed container. Store away from incompatible materials (see section 10 of the SDS).

## Section 8. Exposure controls / personal protection

**Occupational exposure limits:** This substance has no PEL, TLV, or other recommended exposure limit.

**Biological limit values:** No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptance level.

**Individual protection measures, such as personal protective equipment:**

**Eye/Face:** Wear safety glasses with side shields (or goggles)

**Skin protection:** Hand: Wear appropriate chemical resistant gloves. Other: Wear suitable protective clothing.

**Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Thermal Hazards:** Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and /or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## Section 9. Physical and chemical properties

<b>Appearance</b>	:	Solid
<b>Physical State</b>	:	Solid
<b>Form</b>	:	Solid
<b>Color</b>	:	Not available

Odor	:	Not available
odor threshold	:	Not available
pH	:	Not available
Melting Point/Freezing point	:	Not available
Initial boiling point and boiling range	:	Not available
Flash Point	:	Not available
Evaporation rate	:	Not available
Flammability (solid/gas)	:	Not available
Flammability limit – lower (%)	:	Not available
Flammability limit – upper (%)	:	Not available
Explosive limit – lower (%)	:	Not available
Explosive Limit – Upper	:	Not available
Vapor Pressure	:	Not available
Vapor density	:	Not available
Relative density	:	Not available
Solubility (water)	:	Not available
Partition Coefficient (n-octanol/water)	:	Not available
Auto-ignition temperature	:	Not available
Decomposition temperature	:	Not available
Viscosity	:	Not available
Explosive Properties	:	Not explosive
Molecular weight	:	468.15 g/mol
Oxidizing properties	:	Not oxidizing

## Section 10. Stability and Reactivity

**Reactivity:** The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical Stability:** Material is stable under normal conditions.

**Possibility of hazardous reactions:** No dangerous reaction known under conditions of normal use.

**Conditions to avoid:** Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. Contact with incompatible materials.

**Incompatible materials:** Strong oxidizing agents.

**Hazardous decomposition products:** No hazardous decomposition products are known.

## Section 11. Toxicological information

### Information on likely routes of exposure

**Inhalation:** No adverse effects due to inhalation are expected.

**Skin contact:** No adverse effects due to skin contact are expected.

**Eye contact:** Direct contact with eyes may cause temporary irritation.

**Ingestion:** Expected to be low ingestion hazard.

**Symptoms related to the physical, chemical, and toxicological characteristics:** Direct contact with eyes may cause temporary irritation.

### Information on toxicological effects

**Acute toxicity:** Not known

**Skin corrosion/irritation:** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/ eye irritation:** Direct contact with eyes may cause temporary irritation.

### Respiratory or skin sensitization

**Respiratory sensitization:** Not a respiratory sensitizer

**Skin sensitization:** This product is not expected to cause skin sensitization

**Germ cell mutagenicity:** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity:** Not classifiable as to carcinogenicity to humans.

**IARC Monographs. Overall evaluation of carcinogenicity:** Not listed  
**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052):** Not regulated  
**US. National Toxicology Program (NTP) Report on Carcinogens:** Not listed

**Reproductive toxicity:** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity single exposure:** Not classified

**Specific target organ toxicity repeated exposure:** Not classified

**Aspiration hazard:** Not an aspiration hazard.

## Section 12. Ecological Information

**Ecotoxicity:** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence and degradability:** No data is available on the degradability of this substance.

**Bioaccumulative potential:** No data available.

**Mobility in soil:** No data available

**Other adverse effects:** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## Section 13. Disposal Considerations

**Disposal instructions:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

**Local disposal regulations:** Dispose in accordance with all applicable regulations.

**Hazardous waste code:** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products:** Dispose of in accordance with local regulations. Empty containers or liners may contain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging:** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## Section 14. Transportation Information

**DOT:** Not regulated as dangerous goods.

**IATA:** Not regulated as dangerous goods.

**IMDG:** Not regulated as dangerous goods.

## Section 15. Regulatory information

**US Federal Regulations:** This product is not know to be a hazardous chemical as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not Listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)**

Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous**

No chemical.

**SARA 313 (TRI reporting)**

Not Regulated

**Other Federal Regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not Regulated

**Clean Air Act (CAA) Section 112® Accidental Release Prevention (40 CFR 68.130)**

Not Regulated

**Safe Drinking Water Act (SDWA)**

Not Regulated

**US State Regulations**

**California Proposition 65**

**Warning:** This product can expose you to chemicals including arsenic, cadmium, and lead, which are known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)
Australia	Australian inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Commercial Substances in china (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and new chemical substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States and Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing county(s).

A "No" indicates that one or more components of the products are not listed or exempt from listing on the inventory administered by the governing country(s).

## Section 16. Other information

**Issue date:** 05-03-2013

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**Disclaimer:** The information provided in this Safety Data Sheet is correct to the best of Manufacturer's knowledge, information and belief at the date of its publication; however, it is provided only as a guidance for safe handling use, use, processing, storage, transportation, disposal and release of the Product. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made with respect to the product or the information provided herein, or that the product or information herein may be used without infringing the intellectual property rights of others. The information provided in this safety data sheet relates only to the specific product designated and may not be valid if the Product is used in combination with other minerals or in any other process, unless specified herein. The user assumes all risk and liability for loss, injury, damage or expense due to any use, handling, storage or disposal of the Product, and Manufacturer recommends that the user conducts its own tests of the Product to determine suitability of the Product for user's particular use.

**Revision Information:** This document has undergone significant changes and should be reviewed in its entirety.