

Safety Data Sheet

1. IDENTIFICATION

Product Identifier: SBT-440
Product Code: S768
Other Name(s):

Date of Revision: February 09, 2017

Recommended Use and Restrictions on Use: water conditioner

Distributed By: Halabi Chemicals Ltd.
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2. HAZARDS IDENTIFICATION

Classification of the Mixture: Eye Damage/Irritation - Category 1
Acute Toxicity, Oral - Category 4

Label Elements:

Hazard Pictogram(s):



Signal Word: DANGER

Hazard Statement(s): Causes serious eye damage.
Harmful if swallowed.

Precautionary Statement(s):

Prevention: Wear eye/face protection.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
Immediately call a poison centre or physician.
IF SWALLOWED: Call a poison centre or physician if you feel unwell.
Rinse mouth.

Storage: not applicable

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Physical/health hazards not otherwise classified:
not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Conc.</u>	<u>CAS #</u>	<u>Common Names</u>
tetrasodium salt of ethylene diamine tetraacetic acid (40%)	100.0%	64-02-8	

4. FIRST-AID MEASURES

Necessary Measures:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
Immediately call a poison centre or physician.
IF SWALLOWED: Call a poison centre or physician if you feel unwell.
Rinse mouth.

Most important symptoms, both acute and delayed:

Causes serious eye damage.
Harmful if swallowed.

Indication of immediate medical attention and special treatment needed, if necessary:
not applicable

5. FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:

Use extinguishing media appropriate for surrounding fire.

Specific hazards arising from the chemical (e.g.: hazardous combustion products):

May liberate carbon oxides and nitrogen oxides.

Special protective equipment and precautions for firefighters:

As for surrounding fire. Firefighters should wear full protective clothing and self contained breathing equipment.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures:**

Wear appropriate protective equipment. See section 8.

Environmental precautions:

Prevent from entering sewers, waterways or low areas.

Methods and materials for containment and cleaning up:

Isolate hazard area and restrict access. Small spills: soak up with inert absorbent material and scoop into containers. Large spills: prevent contamination of waterways. Dike and pump into suitable containers. Clean up residual with absorbent material, place in appropriate container and flush with water.

7. HANDLING AND STORAGE**Precautions for safe handling:**

Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Do not ingest. Avoid contact with eyes, skin and clothing.

Conditions for safe storage, including any incompatibilities:

Keep out of reach of children. Store in a cool, dry area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters - Exposure limits:**

<u>Ingredient:</u>	<u>Limit:</u>
tetrasodium salt of ethylene diamine	not available
tetraacetic acid (40%)	

Appropriate engineering controls:

Provide exhaust ventilation to keep airborne levels below recommended exposure limits.

Respiratory protection:

If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator.

Other protection:

Wear eye/face protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, colour etc.):	clear pale solution
Odour:	not available
Odour threshold:	not available
pH:	1% solution: 13.5
Melting/Freezing point:	not available
Initial boiling point and range:	not available
Flash point:	not applicable
Evaporation rate:	not available
Flammability (solid, gas):	not available
Upper/lower flammability or explosive limits:	not available
Vapour pressure:	not available
Vapour density:	not available
Relative density (specific gravity):	1.300
Solubility(ies):	complete
Partition co-efficient: n-octanol/water:	not available
Auto-ignition temperature:	not available
Decomposition temperature:	not available
Viscosity:	not available

10. STABILITY AND REACTIVITY**Reactivity:**

This material is considered to be non-reactive under normal use conditions.

Chemical stability:

Stable.

Possibility of hazardous reactions:

not available

Conditions to avoid (e.g.: static discharge, shock or vibration):

not applicable

Incompatible materials:

Oxidizers

Hazardous decomposition products:

not available

11. TOXICOLOGICAL INFORMATION**POTENTIAL ACUTE HEALTH EFFECTS****Inhalation:** May cause respiratory tract irritation.**Ingestion:** Harmful if swallowed.**Eye contact:** Causes serious eye damage.**Skin contact:** May cause mild skin irritation.**Skin absorption:** not available**POTENTIAL CHRONIC HEALTH EFFECTS****Inhalation:** not available**Ingestion:** not available**Eye contact:** not available**Skin contact:** not available**Skin absorption:** not available**Mutagenicity:** not available**Carcinogenicity:** This information, if applicable, can be found in Section 2.**Reproductive toxicity:** This information, if applicable, can be found in Section 2.**Sensitization of product:** This information, if applicable, can be found in Section 2.**Specific Target Organ Toxicity - single exposure:** This information, if applicable, can be found in Section 2.**Specific Target Organ Toxicity - repeated exposure:** This information, if applicable, can be found in Section 2.**Toxicological Data:**Ingredient:tetrasodium salt of ethylene diamine tetraacetic acid
(40%)Data:

Oral LD50: 1000 mg/kg (rat)

Other Toxicological Information on Ingredients:

not applicable

12. ECOLOGICAL INFORMATION**Ecotoxicity (aquatic and terrestrial, where available):** not available**Persistence and degradability:** not available**Bioaccumulative potential:** not available**Mobility in soil:** not available**Other adverse effects:** not available**Ecological Information on Ingredients:** not available**13. DISPOSAL CONSIDERATIONS****Waste disposal:** Disposal of all waste must be done according to local, provincial and federal regulations.**14. TRANSPORT INFORMATION****TDG classification:** UN 1760; CORROSIVE LIQUID, N.O.S. (TETRASODIUM EDTA SOLUTION); CLASS 8; PG III**15. REGULATORY INFORMATION**

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

16. PREPARATION INFORMATION**Prepared by:** Technical Services Department, Halabi Chemicals Ltd., Ph.: 780-473-2608**Date of Preparation:** February 09, 2017**Date of Revision:** February 09, 2017**End of Document**

