BRASSELER USA®

Safety Data Sheet
according to 91/155/EEC

1. Chemical Product and Company Identification

Product Name: Endo Solutions 17% EDTA SKU# 5026554U0

Contact Information:

Brasseler U.S.A. Dental, LLC
One Brasseler Boulevard
Savannah, Georgia 31419, USA
Tel: 1-800-841-4522

CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300

International CHEMTREC, call:
1-703-527-3887

2. Hazard(s) identification

Physical hazards	Not classified.	
Health hazards	Serious eye damage/eye irritation	Category 2A
Environmental hazards	Not classified.	
OSHA defined hazards	Not classified.	

Label elements



Signal word	Warning
Hazard statement	Causes serious eye irritation.
Precautionary statement	
Prevention	Wash thoroughly after handling. Wear eye/face protection.
Response	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

3. Composition/information on ingredients

Substances

Chemical name	Common name and synonyms	CAS number	%
(Ethylenedinitrilo)tetraacetic Acid Disodium		6381-92-6	90 - 100

4. First-aid measures

Inhalation If gas/fume/vapor/dust/mist from the material is inhaled, remove the affected person immediately to fresh air. Call a physician if symptoms develop or persist.

Skin contact	Rinse skin with water/shower . Get medical attention if irritation develops and persists.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists after washing.
Ingestion	Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.
Most important symptoms/effects, acute and delayed	None known.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire. Water.
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 fire.
Fire-fighting 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.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep upwind . Keep out of low areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Wear a dust mask if dust is generated above exposure limits.
Methods and materials for containment and cleaning up	Avoid dust formation. Collect dust using a vacuum cleaner equipped with HEPA filter. If sweeping of a contaminated area is necessary use a dust suppressant agent which does not react with the product. Sweep up or vacuum up spillage and collect in suitable container for disposal. Prevent entry into waterways, sewer , basements or confined areas.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Keep formation of airborne dusts to a minimum . Provide appropriate exhaust ventilation at places where dust is formed. Avoid contact with eyes . Wear appropriate personal protective equipment. In case of insufficient ventilation , wear suitable respiratory equipment. Wash hands thoroughly after handling. Avoid release to the environment.
Conditions for safe storage, including any incompatibilities	Store in a well-ventilated place. Keep container tightly closed. Guard against dust accumulation of this material. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Ventilation should be sufficient to effectively remove and prevent buildup of any dusts or fumes that may be generated during handling or thermal processing. If material is ground, cut, or used in any operation which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits. Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face protection	Wear safety glasses with side shields (or goggles). Avoid contact with eyes. Use tight fitting goggles if dust is generated.
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves.
Other	Wear suitable protective clothing.
Respiratory protection	Wear respirator with dust filter.
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.

9. Physical and chemical properties

Appearance	
Physical state	Liquid
Color	Clear
Odor	Odorless.
pH	7.5
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.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.

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	Hazardous polymerization does not occur.
Conditions to avoid	Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Metals.
Hazardous decomposition products	Carbon oxides. Nitrogen oxides (NOx).

11. Toxicological Information

Likely Routes of Exposure	Dermal (Eye), Ingestion
Hazardous Component	Sodium Xylenesulphonate, Tetrasodium Ethylene Diamine Tetraacetate
Toxicity	The severity of the tissue damage is a function of its concentration, the length of tissue contact time, and local tissue conditions. After exposure there may be a time delay before irritation and other effects occur. This material is a strong irritant and is corrosive to the eyes, and mucous membranes.

Eye Contact	irritation, pain, swelling, lacrimation, or photophobia persist.
Skin Contact	essentially nonirritating to skin.
Ingestion	may cause irritation to digestive tract.
Inhalation	not a likely route of exposure.
Sensitization	not a sensitizer.
Carcinogenicity	does not contain any substances classified as carcinogens by NTP, ACGIH, IARC or OSHA
Mutagenicity	not mutagenic
Reproductive Toxicity	not toxic for reproduction nor is this product tetrogenic.

12. Ecological Information

Ecotoxicity	No data
Persistence / Degradability	This material degrades rapidly in the environment
Bioaccumulative Potential	will not bioconcentrate in fish and aquatic organisms nor will it adsorb to sediment and suspended organic matter.
Mobility in Soil	moderate to high mobility in soil
Other Adverse Effects	none known.

This product does not contain persistent, bioaccumulative and toxic chemicals (PBT's) nor does this product contain any very persistent and very bioaccumulative chemicals (vPvB's).

13. Disposal Considerations

Disposal	Dispose of in accordance with federal, state and local regulations. Additional Disposal Considerations: Dispose if shelf-life has been exceeded.

14. Transport Information

Restrictions	Non-hazardous material / Not regulated.

15. Regulatory Information

SARA Sections 302 and 304	This product does not contain Extremely Hazardous Substances (EHS) and is not subject to emergency planning requirements.
CERCLA	This product does not contain CERCLA Hazardous Substances and is not subject to reporting requirements. SARA Section 313:

Tetrasodium Ethylene Diamine Tetraacetate (EDTA)	CAS #: 64-02-8	17%w/w

International Inventories:

US (TSCA):	The components within this product are included on the TSCA Inventory of Chemical Substances
Canada (DSL):	All ingredients are on the inventory or exempt from listing.
European Union (EINECS):	All ingredients conform to the EU requirements.
Japan (ENCS):	All other ingredients are on the inventory or exempt from listing.
Philippines (PICCS):	All other ingredients are on the inventory or exempt from listing.
South Korea (KECL):	All other ingredients are on the inventory or exempt from listing.
Australia (AICS):	All other ingredients are on the inventory or exempt from listing.
New Zealand (NZIoC):	All other ingredients are on the inventory or exempt from listing.
China (IECSC):	All other ingredients are on the inventory or exempt from listing.

California Proposition 65: There are no chemicals within this mixture on the Proposition 65 List.

Canadian Regulations require the inclusion of the following statements under "Regulatory Information": This product has been classified in accordance with the hazard criteria of the controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

16. Other Information

National Fire Protection Association (NFPA) Ratings (estimated): This information is intended solely for the use of individuals trained in the NFPA system.

Health: 0
Flammability: 0
Reactivity: 0

Disclaimer: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. The information relates only to the specific material designated and does not relate to its use in combination with other materials or its use as to any particular process. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Brasseler USA Products be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Brasseler USA Products has been advised of the possibility of such damages.