SAFETY DATA SHEET



1. IDENTIFICATION

Product identifier

Product Name Complexing Reagent

Other means of identification
Manufacturer Number: CO3300-A

<u>Distributor Address</u> **Best Sanitizers, Inc.** PO Box 1360 Penn Valley, CA 95946

Emergency telephone number

Emergency Phone Numbers Aquaphoenix Scientific: 1-800-255-3924

2. HAZARDS IDENTIFICATION

Classification

Not Classified for physical or health hazard.

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR1910.1200).

Precautionary Statements - Prevention

None.

Precautionary Statements - Response

None.

Precautionary Statements - Storage

None.

Precautionary Statements - Disposal

None.

Hazards not otherwise classified (HNOC)

None.

Other Information

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %	Trade Secret
EDTA Disodium Dihydrate	6381-92-6	<40	
Deionized Water	7732-18-5	>60	

^{*} The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

Eye Contact Hold eye(s) open and rinse slowly and gently with water for 15-20 minutes. Remove

contact lenses, if present, after first 5 minutes, then continue rinsing eye(s). If eye irritation

persists: Get medical advice/attention.

Skin Contact Wash off immediately with soap and plenty of water. Rinse/flush exposed skin gently

using water for 15-20 minutes. Get medical attention.

Inhalation Remove to fresh air. Administer oxygen if breathing is difficult. Call a physician if necessary.

Ingestion Do NOT induce vomiting. Rinse mouth thoroughly. Have exposed individual drink sips of

water.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects

Irritation. Nausea. Headache. Shortness of breath. Coughing.

Indication of any immediate medical attention and special treatment needed

Note to physicians: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry Chemical. Water spray, Carbon dioxide (CO2), Foam.

Unsuitable Extinguishing Media

No Information available.

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating gases and vapors.

Hazardous combustion products:

No information available.

Protective equipment and precautions for firefighters

For emergency responders, personal protection recommended in Section 8. Ensure adequate ventilation, especially in confined areas. Transfer to a dioposal. Isolate area. Keep unnecessary personnel away.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions, Protective Equipment and Emergency Procedures If necessary use trained response staff or contractor. Wear protective eyeware, gloves, and clothing. Refer to Section 8. Clean up spills immediately observing precautions. Always obey local regulations. Ensure adequate ventilation.

Methods and material for containment and cleaning up

Methods and material for containment and cleaning up

If necessary use trained response staff or contractor. Wear protective eyeware, gloves, and clothing. Refer to Section 8. Clean up spills immediately observing precautions. Always obey local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling

Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice. Absorb spillage to prevent material damage. If in a laboratory setting, follow Chemical Hygiene Plan. Provide ventilation for containers. Store away from foodstuffs. Store away from oxidizing agents. Store with like hazards. Store in cool, dry conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Appropriate engineering controls

Engineering Controls Showers, eyewash stations, ventilation system.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Wear safety glasses with side shields (or goggles).

Skin and Body Protection Selection of the glove material on consideration of the penetration times, rates of diffusion and

the degradation.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be

provided in accordance with current local regulations.

Hygiene Measures Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated

clothing and shoes before reuse. Do not Eat, Drink or Smoke when using this product. Do not

inhale gases/fumes/dust/mist/vapor/aerosols.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Formula See Section 3

Physical State Liquid

Appearance Aqueous solution Odor Odorless

Color Clear Odor Threshold No information available

Property Values Remarks/ Method

pH Not determined.

Melting/freezing point Approximately 0°C None known

Boiling point / boiling range Approximately 100°C None known

Flash Point No information available. N/A

Evaporation rate<1</th>None knownFlammability (solid, gas)No data availableNone known

Flammability Limits in Air

 Upper flammability limit
 No data available
 None known

 Lower flammability limit
 No data available
 None known

Vapor pressure No data available None known Vapor density >1 None known **Specific Gravity** 2.04 g/cc None known Water Solubility Soluble in water. None known Solubility in other solvents No data available None known Partition coefficient: No data available None known **Autoignition temperature** No data available None known **Decomposition temperature** No data available None known Kinematic viscosity No data available None known **Dynamic viscosity** No data available None known

10. STABILITY AND REACTIVITY

Reactivity

None under normal processing.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Incompatible materials.

Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases. Copper. Aluminum. Metals.

Hazardous Decomposition Products

Nitrogen oxides (NOx), sodium oxides. Carbon oxides (CO, CO2).

11. TOXICOLOGICAL INFORMATION

Component Information

Acute Toxicity	Oral LD50	Dermal LD50	Inhalation LC50
Disodium Anhydrous 6381-92-6	= 2000 mg/kg (Rat)	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No additional Information

Germ cell mutagenicity No additional Information

Carcinogenicity No additional Information

Reproductive toxicity No additional Information

STOT single exposure No additional Information

STOT repeated exposure No additional Information

Aspiration Hazard No additional Information

12. Ecological Data

Ecotoxicity

None.

Persistence and Degradability

Readily Biodegradable.

Bioaccumulation

Not bioaccumulative.

Mobility

None.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated packaging Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT

Not Regulated by US DOT

15. REGULATORY INFORMATION

Chemical Inventories

TSCA Complies
DSL/NDSL Complies

EINECS/EIINCS No information available
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization of 1986 (SARA). This product does not contain any chemicals, which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard No
Chronic Health Hazard No
Fire Hazard No
Sudden Release of Pressure Hazard No
Reactive Hazard No

CWA (Clean Water Act)

This product does not contain any substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR122.42

CERCLA

Chemical Name	Hazardous Substances RQs
EDTA Disodium Dihydrate	5000 lbs
6381-92-6	

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

16. OTHER INFORMATION

HMIS Health Hazards 1 Flammability 0 Physical Hazards 0 Personal Protection X

(ask supervisor or safety specialist for

handling instructions.)

Prepared By Technical Department

Preparation/Revision Date January 3, 2023

Version 4
Revision Note Annual Review

General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet