



Safety Data Sheet Disodium EDTA

Complies with 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: Disodium EDTA

INCI Name: Disodium EDTA

Material Uses: Active ingredient in cosmetic and personal care applications.

Restrictions on Use: Repackaged for cosmetic use only

Company: Lotioncrafter LLC
48 Hope Ln
Eastsound, WA 98245
PH: 1-360-376-8008

Emergency Response: In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands CALL +1 800-424-9300
In case of difficulties or for ships at sea CALL +1 703-527-3887
In Europe, Middle East, Africa, Asia Pacific, South America CALL +1 703-527-3887

Section 2: Hazards Identification

GHS08

GHS07

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Hazard Pictograms:



Signal Word: Warning

Hazard Classification: This material is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200
Acute Toxicity - Category 4 - Inhalation.
Specific Target Organ Toxicity - Repeated Exposure - Category 2 - Inhalation.

Hazard Statements: Harmful if inhaled.

Precautionary Statements: **Prevention:** Do not breathe dust/fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area.
Response: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. Get medical advice/attention if you feel unwell.
Disposal: Dispose of contents/container to an approved waste disposal plant.

Other Hazards: None



Safety Data Sheet

Disodium EDTA

Complies with 29 CFR 1910.1200

Section 3: Composition / Information on Ingredients

Name	Hazard Category	CAS#	Weight %
Disodium EDTA	Category 4 Inhalation; Category 2 STOT-RE: Inhalation	6381-92-6 or 139-33-3	100.0%

Additional Information: For full text of H-statements and R-phrases: see SECTION 16

Section 4: First Aid Measures

General Info: First aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists, refer to Section 8. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

Notable Exposure Symptoms: Asied from the information found under General Info (above), any additional important symptoms and effects are described in Section 11.

If ingested: If swallowed, seek medical attention. Do nont induce vomiting unless directed to do so by medical personnel.

If inhaled: Move person to fresh air; if effects occur, consult a physician.

Eye contact: Flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses after the initial 1-2 minutes and continue rinsing for several minutes. If effects occur, consult a physician, preferably an ophthalmologist.

Skin contact: Wash off with plenty of water. Suitable emergency safety show facility should be available in the work area.

Section 5: Fire Fighting Measures

General Info: Flash Point: Not applicable. Pneumatic conveying and other mechanical handling operations can generate combustibile dust. To reduce the potential for dust explosions, do not permit dust to accumulate.

Extinguishing Method /

Equipment: Carbon dioxide (CO₂), dry chemical, foam, halon, water spray (fog). Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

Hazardous Decomposition Info: Nitrogen oxides, carbon monoxide, carbon dioxide.



Safety Data Sheet

Disodium EDTA

Complies with 29 CFR 1910.1200

Section 6: Accidental Release Measures

Personal precautions, protective

equipment and procedures: Ventilate area of leak or spill. Keep upwind of spill. Use appropriate safety equipment. For additional information, refer to Section 8.

Environmental Precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12.

Containment Equipment and

Procedures: Non-hazardous, but avoid direct releases to the environment.

Cleanup Procedures: Contain spilled material if possible. Use non-sparking tools in cleanup operations. Spilled material may cause a slipping hazard. Sweep up. Good housekeeping and controlling of dusts are necessary for safe handling of product. Pneumatic conveying and other mechanical handling operations can generate combustible dust. To reduce the potential for dust explosions, electrically bond and ground equipment and do not permit dust to accumulate. Dust can be ignited by static discharge. Collect in suitable and properly labeled containers. See Section 13.

Section 7: Handling and Storage

Safe Handling Precautions: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing dust. Use with adequate ventilation. Keep container closed. See Section 8. Good housekeeping and controlling of dusts are necessary for safe handling of product. Spills of these organic materials on hot fibrous insulations may lead to lowering of the autoignition temperatures possibly resulting on spontaneous combustion.

Recommendations for Storage: Do not store in: Zinc. Aluminum and its alloys. Carbon steel. Copper. Copper alloys. Galvanized containers. Nickel. Opened or unlabeled containers. Store in original unopened container. See Section 10 for more specific information. Store in accordance with good manufacturing practices. Minimize sources of ignition, such as static build-up, heat, spark or flame.

Specific End Use(s): Active ingredient in cosmetic and personal care applications.



Safety Data Sheet

Disodium EDTA

Complies with 29 CFR 1910.1200

Section 8: Exposure Control / Personal Protection

Control Parameters: Exposure limits have not been established for the substances listed in the composition.

General / Engineering

Controls: Use engineering controls to maintain airborne level below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use only with adequate ventilation.

Eye/face protection: Chemical goggles with side splash protection recommended. An eye wash facility should be available in the work area.

Hand Protection: Use gloves chemically resistant to this material.

Body Protection: Face shield, boots, apron, or full body suit will depend on the task.

Respiratory Protection: Use an approved respirator (N95).

Thermal Hazards: None required under normal conditions of use

Other: Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

Environmental Exposure

Controls: Non-hazardous but avoid direct releases to the environment.

Section 9: Physical and Chemical Properties

Physical State: Crystals

Color: White

Odor: Odorless

Odor Threshold: No data available

pH: 4 - 6 (1% *Current USP*)

Melting Point: 252 °C (486 °F) *Measured Decomposes*

Freezing Point: Not applicable

Boiling Point: Not applicable

Flash Point: Not applicable

Auto-ignition Temperature: Not applicable

Decomposition Temperature: No data available

Evaporation Rate: Not applicable

Vapor Pressure: < 0.01 mmHg *Literature*

Explosive Limits: Not applicable

Vapor Density: Not applicable

Molecular Weight: 372.2 g/mol *Literature*

Water Solubility: 10% at 25 °C (77 °F) *Literature*

Viscosity (cP): Not determined

Explosion Properties: None

Oxidizing Properties: None

Partition coefficient: Not available

Other information: Bulk Density: 61 lb/ft³ *Literature*



Safety Data Sheet

Disodium EDTA

Complies with 29 CFR 1910.1200

Section 10: Stability and Reactivity

Reactivity: No data available.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous

Reactions: Polymerization will not occur.

Conditions to Avoid: Exposure to elevated temperatures can cause the product to decompose.

Incompatible Materials: Avoid contact with oxidizing materials. Flammable hydrogen may be generated from contact with metals such as: Aluminum.

Hazardous Decomposition

Products: Carbon Monoxide. Carbon Dioxide. Ammonia. Nitrogen oxides.

Section 11: Toxicological Information

Acute Oral Toxicity: Low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury.

LD50, Rat, male and female, 2,800 mg/kg.

Acute Dermal Toxicity: Prolonged skin contact is unlikely to result in absorption of harmful amounts. The dermal LD50 has not been determined.

Acute Inhalation Toxicity: Prolonged excessive exposure to dust may cause adverse effects. The LC50 has not been determined.

Skin Corrosion/Irritation: Brief contact may cause slight skin irritation with local redness. May cause more severe response if skin is abraded (scratched or cut). May cause more severe response on covered skin (under clothing, gloves).

Serious Eye Damage/Eye

Irritation: May cause slight temporary eye irritation. Corneal injury is unlikely.

Sensitization: Did not cause allergic skin reactions when tested on guinea pigs. For respiratory sensitization: No relevant data found.

STOT-SE: Evaluation of available data suggests that this material is not an STOT-SE toxicant.

STOT-RE: In animals, effects have been reported on the following organs: Respiratory tract.

Carcinogenicity: The trisodium salt of EDTA did not cause cancer in laboratory animals.

Teratogenicity: EDTA and its sodium salts have been reported to cause birth defects in laboratory animals only at exaggerated doses that were toxic to the mother. These effects are likely associated with zinc deficiency due to chelation.

Reproductive Toxicity: Limited data in laboratory animals suggest that the material does not affect reproduction.



Safety Data Sheet

Disodium EDTA

Complies with 29 CFR 1910.1200

Mutagenicity: Most data indicate that EDTA and its salts are non mutagenic. Minimal effects reported are likely due to trace metal deficiencies result from chelating by EDTA.

Aspiration Hazard: Based on physical properties, not likely to be an aspiration hazard.

Section 12: Ecological Information

Acute Toxicity to Fish: Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 > 100 mg/L in the most sensitive species tested).

Acute Toxicity to Aquatic

Invertebrates: EC50, Daphnia magna (Water flea), static test, 48 hour, 140 mg/l, DIN 38412.

Chronic Aquatic Toxicity: NOEC, Daphnia magna (Water flea), semi-static test, 21 d, 25 mg/l.

Persistence and Degradability: For similar material(s): Based on stringent OECD test guidelines, this material cannot be considered as readily biodegradable; however, these results do not necessarily mean that the material is not biodegradable under environmental conditions.

Bioaccumulative Potential: For similar material(s): Bioconcentration potential is low (BCF < 100 or Log Pow < 3).

Mobility in Soil: No relevant data found.

Section 13: Disposal Information

Disposal Methods: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN SECTION 3. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Recycler. Reclaimer.



Safety Data Sheet

Disodium EDTA

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Section 14: Transport Information

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
UN Number:	Not regulated	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name:	Not regulated	Not regulated	Not regulated	Not regulated
Transport Hazard Class(es):	Not applicable	Not applicable	Not applicable	Not applicable
Packing Group:	Not applicable	Not applicable	Not applicable	Not applicable
Environmental Hazards:	Not applicable	Not applicable	Not applicable	Not applicable
Special Precautions for User:	None	None	None	None
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable	Not applicable	Not applicable	Not applicable

Section 15: Regulatory Information

OSHA Hazard Communication

Standard: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SARA 311/312: Acute Health Hazard.
Chronic Health Hazard.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Pennsylvania RtK Act: To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

California Prop. 65: This product does not contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

United States (TSCA): All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA)



Safety Data Sheet

Disodium EDTA

Complies with 29 CFR 1910.1200

Section 16: Other Information

Indication of Changes: Version 1.1 created September 21, 2020

List of Relevant R-phrases

(number and full text): Not applicable

Legal Disclaimer: Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

Lotioncrafter provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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