

MATERIAL SAFETY DATA SHEET

EDTA Buffer, pH 8.0

1. Product and Company Information

Product Name:	EDTA Buffer
Product Number	A12-9160, A12-9161
Synonyms:	N/A
Manufacturer:	Medicago AB Danmark Berga 755 98 Uppsala Sweden
Phone No	tel.: +46 (0) 18 56 11 80
Fax	fax: +46 (0) 18 56 11 88
Emergency Phone:	112 (Sweden)

2. Hazards Identification

WARNING!

Harmful if swallowed. May cause allergic skin reaction. Possible reproductive system hazard based on animal data.

Potential Health Effects

Eyes: Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

Skin: Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage. May cause allergic skin reaction.

Inhalation: Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. No toxicity expected from inhalation.

Ingestion: Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort. Harmful if swallowed. May cause systemic poisoning.

Chronic: No data on cancer. Contains a substance that is a possible reproductive system hazard based on animal studies at doses that could be encountered in the workplace.

3. Composition/Information on Ingredients

Product Name

Ingredient name:	Percent	CAS no.:	EC no.:	Annex I Index Number
EDTA	100	None	None	None

4. First-Aid Measures

AFTER INHALATION

If inhaled, remove to fresh air. If breathing becomes difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately.

AFTER SKIN CONTACT

In case of contact, immediately wash skin with soap and copious amounts of water. Remove contaminated clothing, launder immediately, and discard contaminated leather goods. Get medical attention immediately.

AFTER EYE CONTACT

In case of contact, immediately flush eyes with copious amounts of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.

AFTER INGESTION

Severely irritating. Do not induce vomiting. Seek medical attention immediately. Drink 2 glasses of water or milk to dilute.

Note to Physician: Treat symptomatically.

Oxidizing Properties	N/A
Explosive Properties	N/A
Explosion Limits	N/A
Vapor Pressure	N/A
SG/Density	N/A
Partition Coefficient	N/A
Viscosity	N/A
Vapor Density	N/A
Saturated Vapor Conc.	N/A
Evaporation Rate	N/A
Bulk Density	N/A
Decomposition Temp	N/A
Solvent Content	N/A
Water Content	N/A
Surface Tension	N/A
Conductivity	N/A
Miscellaneous	N/A
Solubility	N/A

10. Stability and Reactivity

STABILITY

Stable under normal conditions.

CONDITIONS TO AVOID

Strong oxidizing agents. High temperatures. Strong alkalis. Copper alloys. Aluminum alloys.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide. Carbon dioxide. Nitrogen oxides.

HAZARDOUS POLYMERIZATION

Hazardous Polymerization: Will not occur

11. Toxicological Information

Acute Toxicity: Not determined.

Dermal/Skin: Not determined.

Inhalation/Respiratory: Not determined.

Oral/Ingestion: Not determined.

Target Organs: Kidneys. Bone marrow.

Carcinogenicity:

NTP: Not tested.

IARC: Not listed.

OSHA: Not regulated.

Other Toxicological Information.

12. Ecological Information

No data available.

13. Disposal Considerations

REGULATORY INFORMATION:

Not applicable.

SUBSTANCE DISPOSAL

Clean up and dispose of waste in accordance with all federal, state, and local environmental regulations. Dispose of by incineration following Federal, State, Local, or Provincial regulations.

14. Transport Information

Proper Shipping Name: Not regulated.

Hazard Class:

Subsidiary Hazards:

ID Number:

Packing Group:

Label Required: None

15. Regulatory Information

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: Xi

Indication of Danger: Irritant

UNITED STATES:

TSCA: This product is solely for research and development purposes only and may not be used, processed or distributed for a commercial purpose. It may only be handled by technically qualified individuals.

16. Other Information

HMIS Rating 0-4:

FIRE: Not determined.

HEALTH: Not determined.

REACTIVITY: Not determined.

ABBREVIATIONS:

N/A-Data is not applicable or not available

SARA- Superfund and Reauthorization Act

HMIS-Hazard Material Information System

WHMIS-Workplace Hazard Materials Information System

NTP-National Toxicology Program

OSHA-Occupational Health and Safety Administration

IARC-International Agency for Research on Cancer

PROP 65-California Safe Drinking Water and Toxic Enforcement Act of 1986

EINECS-European Inventory of Existing Commercial Chemical Substances.

Precautions and Disclaimer: For laboratory use only. Not for drug, household or other uses.

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Notice to reader

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