

SAFETY DATA SHEET

according to Regulation (EG) no 1907/2006
 Generic EU MSDS – No country specific data
 REVISION DATE: 2014-06-26

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: EDTA disodium
 Article number: 16-0007

1.2 Relevant identified uses of the substance or mixture, and uses advised against

Identified uses: Laboratory chemical, manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company: Medicago AB
 Danmark Berga 13
 755 98 Uppsala
 Telephone: +46 (0)18 56 11 80
 Facsimile: +46 (0)18 56 11 88
 E-mail address: info@medicago.se

1.4 Emergency telephone number

Emergency telephone number: Giftinformationscentralen 112

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (EU-GHS/CLP)

Classified: Acute Toxicity (Category 4), H302

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (EU-GHS/CLP)



Signal word: Warning
 Hazard statement(s):
 H302 Harmful if swallowed
 Precautionary statement(s):
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray
 P270 Do not eat, drink or smoke when using this product
 P301+312 IF SWALLOWED: Call POISON CENTER/doctor if you feel unwell
 P330 Rinse mouth
 Complementary hazard information:
 No further information

2.3 Other hazards

No data available

3. Composition/information on ingredients

3.1 Substances

Substance	CAS-no.	EC-no.	Index-no.	Weight %	Classification according to constitution (EG) no 1272/2008 (CLP)
Na ₂ EDTA x 2H ₂ O	6381-92-6	205-358-3	-	≤ 100 %	Acute Tox. 4, H302

For the full text of the H-statements in this section, see section 16

4. First aid measures

4.1 Description of first aid measures

If swallowed	Rinse mouth with water; if conscious, drink plenty of water; if not conscious, never give anything by mouth; get medical attention
If inhaled	Move to fresh air; if person is not breathing, give artificial respiration; get medical attention
In case of skin contact	Wash thoroughly with soap and water; get medical attention if irritation occurs/persists
In case of eye contact	Wash immediately eyes for at least 15 min under running water; remove contact lenses if present and easy-to-do; keep washing with water for several more minutes; get medical attention if irritation occurs/persists
General advice	Show this data sheet to the doctor in attendance

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: water spray or fog, foam, dry chemical powder

5.2 Special hazards arising from the substance or mixture

Carbon oxides, sodium oxides

5.3 Advice for fire fighters

Wear self-contained breathing apparatus for firefighting

5.4 Further information

Contaminated extinguishing water must be disposed of in accordance with local regulations

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation; avoid breathing dust; wear lab coat, safety goggles, suitable gloves and boots

6.2 Environmental precautions

Do not let product enter drains, surface water or groundwater

6.3 Methods and material for containment and cleaning up

Sweep up and shovel spilled material into a suitable and closable container for disposal

6.4 Reference to other sections

For disposal: see section 13

7. Handling and storage

7.1 Precautions for safe handling

Avoid dust formation; assure adequate ventilation where dust is formed; avoid contact with skin and eyes; wash hands before and after use

7.2 Conditions for safe storage, including any incompatibilities

Store in a tightly closed container; storage area should be dry, cool and well-ventilated

7.3 Specific end use(s)

No data available

8. Exposure controls/personal protection

8.1 Control parameters

No data available

8.2 Exposure controls

Appropriate engineering controls

Use general hygiene procedures; use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits; if user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit

Personal protective equipment

Eye/face protection: Wear safety goggles (EN 166)

Skin protection: Wear proper gloves; gloves must be inspected prior to use

Body Protection: Wear lab coat or other impervious clothes; type of protection equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace

Respiratory protection: If necessary use dust respirator tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	white, crystalline
Odour	no data available
Odour threshold	no data available
pH	5 at 23°C
Melting point/ freezing point	252°C (decomposition)
Initial boiling point and boiling range	no data available
Flash point	no data available
Evaporation rate	no data available
Flammability (Solid, gas)	no data available
Upper/lower flammability or explosive limits	no data available
Vapour pressure	no data available
Vapour density	no data available
Relative density	1.77 g/cm ³
Water solubility	108 g/l at 20°C
Partition coefficient: n-octanol/ water	no data available
Auto-ignition temperature	no data available
Decomposition temperature	252°C
Viscosity	no data available
Explosive properties	no data available
Oxidizing properties	no data available

9.2 Other information

No further information

10. Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Exposure to moisture and heat

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

In case of fire: carbon oxides, sodium oxides

11. Toxicological information

11.1 Information on toxicological effects

11.1.1 Substances

Acute toxicity

No data available

Skin corrosion/irritation

Skin: rabbit – not irritating

Serious eye damage/ eye irritation

Eyes: rabbit – not irritating

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Specific target organ toxicity – single exposure

No data available

Specific target organ toxicity – repeated exposure

No data available

Aspiration hazard

No data available

Potential health effects

Harmful if swallowed

12. Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

13. Disposal considerations

13.1 Waste treatment methods

Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

Contaminated packaging: dispose of as unused product

