

# Tetrasodium EDTA Water Conditioner Pack

## Safety Data Sheet

According to SOR/2015-17, Hazardous Products Regulations (HPR) (amended 2022)  
Issue date: 01/22/2026 Version: 2.0

### SECTION 1 Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Product name : Tetrasodium EDTA Water Conditioner Pack

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Water treatment additive  
Restrictions on use : For veterinary use only

#### 1.4. Supplier's details

Bio Agri Mix LP  
P.O. Box 399  
Mitchell, ON, N0K 1N0  
Canada  
T 519-348-9865

#### 1.5. Emergency phone number

Emergency number : CANUTEC: 1-613-996-6666 (transport)

### SECTION 2 Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS CA)

Acute toxicity (oral), Category 4	Harmful if swallowed.
Acute toxicity (inhalation), Category 4	Harmful if inhaled.
Serious eye damage/eye irritation, Category 1	Causes serious eye damage.
Specific target organ toxicity, Repeated exposure, Category 2	May cause damage to organs through prolonged or repeated exposure.

#### 2.2. GHS label elements, including precautionary statements

##### GHS CA labelling

Hazard pictograms (GHS CA)



Signal word (GHS CA)

: Danger

Hazard statements (GHS CA)

: Harmful if swallowed or if inhaled  
Causes serious eye damage

: May cause damage to organs through prolonged or repeated exposure.

Precautionary statements (GHS CA)

: Do not breathe dust, fume, gas, mist, vapours, spray.

: Wash hands, forearms and face thoroughly after handling.

: Do not eat, drink or smoke when using this product.

: Use only outdoors or in a well-ventilated area.

: Wear eye and face protection.

: IF SWALLOWED: Call a POISON CENTER, a doctor if you feel unwell.

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Rinse mouth.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or a doctor if you feel unwell.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER, a doctor. Get medical advice or attention if you feel unwell. Dispose of hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

Supplementary information : No additional information available

### 2.3. Other hazards which do not result in classification

No additional information available

## SECTION 3 Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Tetrasodium EDTA	tetrasodium ethylene diamine tetraacetate Ethylenediaminetetraacetic acid, tetrasodium salt / Tetrasodium ethylenediaminetetraacetate / EDTA tetrasodium salt / Tetrasodium salt of ethylenediaminetetraacetic acid / Acetic acid, (ethylenedinitrilo)tetra-, tetrasodium salt / EDTA, tetrasodium / Tetrasodium edetate / N,N'-1,2-Ethanediylbis(N-(carboxymethyl)glycine) tetrasodium salt / Edetate sodium	CAS-No.: 64-02-8	80-100

Comments

: All concentrations are expressed as percentages by weight unless the ingredient is a gas. CANADA GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with the amended HPR as of December 2022.

## SECTION 4 First-aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures after inhalation	: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.
First-aid measures after skin contact	: Wash skin with plenty of water. Obtain medical attention if irritation persists.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
First-aid measures after ingestion	: IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.
First-aid measures general	: Call a poison center or a doctor if you feel unwell. Medical personnel should be made aware of substance(s) involved and take measures for self protection. Show this safety data sheet to the doctor in attendance. Avoid contact with skin and eyes. Keep out of the reach of children.

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### 4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation	: Harmful if inhaled. Prolonged inhalation may be harmful.
Symptoms/effects after skin contact	: Prolonged or repeated contact may dry skin and cause irritation.
Symptoms/effects after eye contact	: Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Serious damage to eyes.
Symptoms/effects after ingestion	: Harmful if swallowed. May cause stomach distress, nausea or vomiting.

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: Symptoms may be delayed. Treat symptomatically.
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## SECTION 5 Fire-fighting measures

### 5.1. Suitable extinguishing media

Suitable extinguishing media	: Treat for surrounding material.
Unsuitable extinguishing media	: Do not use a water jet since it may cause the fire to spread.

### 5.2. Specific hazards arising from the chemical

Fire hazard	: During fire, gases hazardous to health may be formed. In case of fire or explosion do not breathe fumes.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: May include and are not limited to: oxides of carbon.

### 5.3. Special protective actions for fire-fighters

Firefighting instructions	: In case of fire: stop leak if safe to do so. Do not enter fire area without proper protective equipment, including respiratory protection. Move containers from fire area if it can be done without personal risk.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6 Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	: In the event of a significant spillage : Notify authorities if product enters sewers or public waters. Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
Environmental precautions	: Avoid release to the environment.

### 6.2. Methods and materials for containment and cleaning up

For containment	: Stop leaks if it can be done without personal risk. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	: Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Clean contaminated surfaces with an excess of water. Minimise generation of dust.
Other information	: This material and its container must be disposed of in a safe way, and as per local legislation.

For further information refer to section 13

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### SECTION 7 Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling	: Do not breathe dust, fume. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Wear personal protective equipment. Do not taste or swallow. Handle and open container with care.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Additional hazards when processed	: Not expected to present a significant hazard under anticipated conditions of normal use.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Keep out of reach of children. Store tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).
Packaging materials	: Store always product in container of same material as original container.

### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

Appropriate engineering controls	: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
Environmental exposure controls	: Avoid release to the environment.

#### 8.3. Individual protection measures, such as personal protective equipment (PPE)

##### Hand protection:

Wear protective gloves. Confirm with a reputable supplier first.

##### Eye protection:

Wear safety glasses with side shields (or goggles).

##### Skin and body protection:

Wear suitable protective clothing. As required by employer code.

##### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Respirator should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134), CAN/CSA-Z94.4 and ANSI's standard for respiratory protection (Z88.2).

### SECTION 9 Physical and chemical properties

#### 9.1. Basic physical and chemical properties

Physical state	: Solid
Appearance	: Powder.
Colour	: White

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Odour	: No data available
Odour threshold	: No data available
pH	: 11.3 (1% solution)
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Molecular mass	: 380.2 g/mol
Melting point	: > 300 °C
Freezing point	: Not applicable
Boiling point	: > 400 °C
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: < 0.0000001 kPa
Relative vapour density at 20°C	: No data available
Relative density	: 0.55
Density	: 780 kg/m³
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: Not applicable
Explosive properties	: Not explosive.
Oxidising properties	: Not oxidising.
Explosive limits	: Not applicable
Particle characteristics	: No data available

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

## SECTION 10 Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Keep away from heat and direct sunlight. Do not mix with other chemicals.
Incompatible materials	: Strong oxidizing agents.
Hazardous decomposition products	: May include and are not limited to: oxides of carbon.

## SECTION 11 Toxicological information

### 11.1. Likely routes of exposure

Acute toxicity (oral)	: Harmful if swallowed.
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Harmful if inhaled.

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ATE CA (oral)	1658 mg/kg bodyweight
ATE CA (Gases)	4500 ppmv/4h
ATE CA (vapours)	11 mg/l/4h
ATE CA (dust,mist)	1.5 mg/l/4h

### Tetrasodium EDTA (64-02-8)

LD50 oral rat	1658 mg/kg (Source: NZ_CCID)
LC50 Inhalation - Rat [ppm]	24.3 ppm ECHA

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<b>Tetrasodium EDTA (64-02-8)</b>	
ATE CA (oral)	1658 mg/kg bodyweight
ATE CA (Gases)	24.3 ppmv/4h
Skin corrosion/irritation	: Not classified pH: 11.3 (1% solution)
Serious eye damage/irritation	: Causes serious eye damage. pH: 11.3 (1% solution)
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.
<b>Tetrasodium EDTA (64-02-8)</b>	
LOAEL (oral, rat, 90 days)	60 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
LOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.015 mg/l air Animal: rat, Animal sex: female, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)
NOAEL (oral, rat, 90 days)	6 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
Aspiration hazard	: Not classified
Likely routes of exposure	: Skin and eyes contact. Ingestion. Inhalation.
Symptoms/effects after inhalation	: Harmful if inhaled. Prolonged inhalation may be harmful.
Symptoms/effects after skin contact	: Prolonged or repeated contact may dry skin and cause irritation.
Symptoms/effects after eye contact	: Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Serious damage to eyes.
Symptoms/effects after ingestion	: Harmful if swallowed. May cause stomach distress, nausea or vomiting.

## SECTION 12 Ecological information

### 12.1. Toxicity

Ecology - general	: See below for route-specific details.
Hazardous to the aquatic environment, short-term (acute)	: Not classified.
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

<b>Tetrasodium EDTA (64-02-8)</b>	
LC50 - Fish [1]	41 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: IUCLID)
LC50 - Fish [2]	59.8 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: IUCLID)
EC50 - Crustacea [1]	> 114 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 60 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
NOEC chronic fish	≥ 25.7 mg/l Test organisms (species): Duration: '35 d'
LOEC (chronic)	50 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

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### 12.2. Persistence and degradability

<b>Tetrasodium EDTA Water Conditioner Pack</b>	
Persistence and degradability	Rapidly degradable
<b>Tetrasodium EDTA (64-02-8)</b>	
Persistence and degradability	Rapidly degradable

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Ozone : Not classified

Fluorinated greenhouse gases : No

## SECTION 13 Disposal considerations

Waste treatment methods	: Dispose of the material collected according to regulations.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling, disposal or collection.

## SECTION 14 Transport information

In accordance with TDG

	<b>TDG</b>
<b>14.1. UN Number</b>	
Not regulated for transport	
<b>14.2. UN Proper Shipping Name</b>	Not regulated
<b>14.3. Transport hazard class(es)</b>	Not regulated
<b>14.4. Packing group, if applicable</b>	Not regulated
<b>14.5. Environmental hazards</b>	Not regulated
No supplementary information available	

### 14.6. Special precautions for user

**TDG**

Not regulated

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78<sup>9</sup> and the IBC Code<sup>10</sup>

Not applicable

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### SECTION 15 Regulatory information

All components of this product are present on DSL

### SECTION 16 Other Information

Issue date : 01/22/2026

Other information : For an updated SDS, please contact the supplier or manufacturer listed on the first page of the document.

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