

Safety Data Sheet

Section 1: Identification

Product Name: Essick Water Treatment

Manufacturer's Name:
PRODUCTION ASSISTANCE LINK, INC.

Phone: 501-945-7771
Fax: 501-945-7778

Address:
401 NORTH PALM STREET
NORTH LITTLE ROCK, AR 72114

EMERGENCY CONTACT:
Chemtrec (acct #17965) : 1-800-424-9300

Product Use: Water Treatment

Section 2: Hazard(s) Identification

Emergency Overview

GHS Ratings:

GHS Hazards

H303 May be harmful if swallowed

GHS Precautions

P331 Do NOT induce vomiting
P301+P310 IF SWALLOWED: Immediately call a
POISON CENTER or doctor/physician
P304+P340 IF INHALED: Remove victim to fresh air
and keep at rest in a position
comfortable for breathing
P305+P351+P338 IF IN EYES: Rinse continuously with
water for several minutes. Remove
contact lenses if present and easy to
do – continue rinsing

ACUTE HEALTH EFFECTS:

INGESTION: May be harmful if swallowed.

EYE CONTACT: Causes moderate eye irritation.

SKIN CONTACT: Product concentrate may cause moderate skin irritation. Other skin contact has no likely problems.

INHALATION: Not Likely.

CHRONIC HEALTH EFFECTS:

Prolonged or repeated skin contact with product concentrate may cause skin irritation in sensitive individuals.

Section 3: Composition

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Tetrasodium EDTA 64-02-8 1 to 5%		1 mg/m ³	

Section 4: First-Aid Measures

INHALATION: If product is inhaled, remove patient to fresh air, apply artificial respiration and other supportive measures as required. Consult a poison center, emergency room or lung specialist for guidance .
 EYE CONTACT: If product is splashed into eyes, flush eyes immediately with plenty of water for at least 15 minutes .
 Hold eyelids apart to insure complete flushing.
 SKIN CONTACT: If excessive skin contact with this product occurs, flush with plenty of water followed by washing with soap and water.
 INGESTION: If swallowed, contact a physician immediately.

Section 5: Fire-Fighting Measures

LEL: UEL:
 FLASHPOINT C: Not Applicable
 FLASHPOINT F: Not Applicable
 FLAMMABLE LIMITS: Not Applicable
 SUITABLE EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire .

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide from burning.
 FIRE FIGHTING INSTRUCTIONS: Use extinguishing media appropriate for surrounding fire.
 FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus (SCBA) and full protective gear .

Section 6: Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

PERSONAL PRECAUTIONS: Use personal protection recommended in Section 8.

OTHER INFORMATION: For all transportation accidents call Chemtrec @ 800-424-9300

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

SMALL SPILLS: Pick up with sand, earth, or other noncombustible absorbent material .
 LARGE SPILLS: Shovel loose material into disposal container. Pick up remainder with absorbent.

Section 7: Handling and Storage

See Section 10 below for any incompatible chemicals.
 STORAGE TEMPERATURE: ambient

STORAGE PRESSURE: atmospheric

Section 8: Exposure Controls/Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Tetrasodium EDTA 64-02-8		1 mg/m3	

ENGINEERING CONTROLS: Provide sufficient mechanical ventilation to maintain exposure below TLV(s).

EYE PROTECTION: Wear safety glasses or face shield if material is likely to be splashed in face .

SKIN PROTECTION: Wear protective clothing and gloves constructed of materials which are appropriate to prevent contact with this material.

Section 9: Physical and Chemical Properties

Specific Gravity (SG) 1.008 Freezing point: Not Determined Initial Boiling Point: 100°C Evaporation rate: Not Applicable Vapor Density: Not Determined Odor: Mild Freezable Yes Flamability-upper Not Applicable Partition coefficient Not Determined Decomposition temperature: Not Determined Lbs VOC/Gallon Less Water No	Melting Point Not Determined Solubility: Negligible Flash point: Not Applicable Odor threshold: Not Determined Appearance: Clear liquid Vapor Pressure: Not Determined Flamability-lower Not Applicable PH Value 9-10 Autoignition temperature: Not Applicable Viscosity Not Applicable
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Section 10: Stability and Reactivity

GENERAL: This product is stable and hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: Avoid contact with strong oxidants.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide from burning.

Section 11: Toxicological Information

Mixture Toxicity

Component Toxicity

ROUTES OF ENTRY:

Not Determined

TARGET ORGANS:

Not Determined

CARCINOGENICITY:

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			Not Determined

Section 12: Ecological Information

Not Available.

Component Ecotoxicity

Tetrasodium EDTA	96 Hr LC50 Lepomis macrochirus: 41 mg/L [static]; 96 Hr LC50 Pimephales promelas: 59.8 mg/L [static] 72 Hr EC50 Desmodemus subspicatus: 1.01 mg/L
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Section 13: Disposal Considerations

Care must be taken to prevent environmental contamination from the use of this material. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and non-hazardous wastes.

Section 14: Transport Information

The following information applies to the listed mode of transportation only. The description may change or the item may become regulated in other modes.

Agency **Proper Shipping Name** **UN Number** **Packing Group** **Hazard Class**
DOT Not Regulated

Section 15: Regulatory Information

Regulatory information is not meant to be all-inclusive. It is the user's responsibility to ensure compliance with federal, state, or provincial and local laws.

CAA (Clean Air Act) - Accidental Release Prevention- Flammable Substances
- None

CAA (Clean Air Act) - Accidental Release Prevention - Toxic Substances
- None

CERCLA/SARA - Hazardous Substances and their Reportable Quantities
- None

CWA (Clean Water Act) - Toxic Pollutants
- None

DOT (Department of Transportation) - Hazardous Substances and Reportable Quantities
- None

New Jersey - Right to Know Hazardous Substance List
- None

- None

OSHA - Specifically Regulated Chemicals
- None

CERCLA/SARA - Section 313 - Emission Reporting
- None

TSCA (Toxic Substances Control Act) Section 4(e) - ITC Priority Testing List
- None

Country **Regulation** **All Components Listed**

EU Risk Phrases

Safety Phrase

- None

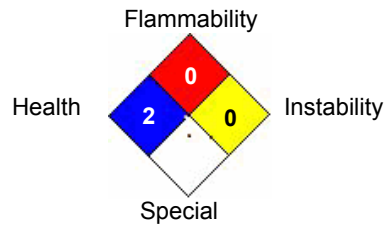
Section 16: Other Information

Hazardous Material Information System (HMIS)

National Fire Protection Association (NFPA)

HEALTH	<input type="text" value="2"/>
FLAMMABILITY	<input type="text" value="0"/>
PHYSICAL HAZARD	<input type="text" value="0"/>
PERSONAL PROTECTION	<input type="text"/>

HMIS & NFPA Hazard Rating Legend
 * = Chronic Health Hazard
 0 = INSIGNIFICANT
 1 = SLIGHT
 2 = MODERATE
 3 = HIGH



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Reviewer Revision