

# Safety Data Sheet

## Section 1: Identification

**Product Name:** Essick Bacteriostat 1970

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: Antibacterial Additive

## Section 2: Hazard(s) Identification

### Emergency Overview

#### GHS Ratings:

Eye Damage/Irritation	2B	Mild eye irritant: Subcategory 2B, Reversible in 7 days
Mutagen	1B	Known to produce heritable mutations in human germ cells Subcategory 1B, Positive results: In vivo heritable germ cell tests in mammals, Human germ cell tests, In vivo somatic mutagenicity tests, combined with some evidence of germ cell mutagenicity
Reproductive toxin	1A	Based on human evidence

#### GHS Hazards

H320	Causes eye irritation
H340	May cause genetic defects
H360	May damage fertility or the unborn child

#### GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P262	Do not get in eyes, on skin, or on clothing
P264	Wash ... thoroughly after handling
P281	Use personal protective equipment as required
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing
P308+P313	IF exposed or concerned: Get medical advice/attention
P337+P313	If eye irritation persists, get medical advice/attention
P405	Store locked up
P501	Dispose of contents/container to ...

**Danger**



**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.

<b>Section 3: Composition</b>
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Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Ethyl alcohol 64-17-5 0.1% - 1.0%	1000 ppm TWA; 1900 mg/m <sup>3</sup> TWA	1000 ppm STEL	NIOSH: 1000 ppm TWA; 1900 mg/m <sup>3</sup> TWA

<b>Section 4: First-Aid Measures</b>
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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.

<b>Section 5: Fire-Fighting Measures</b>
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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.

<b>Section 6: Accidental Release Measures</b>
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**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
Ethyl alcohol 64-17-5	1000 ppm TWA; 1900 mg/m <sup>3</sup> TWA	1000 ppm STEL	NIOSH: 1000 ppm TWA; 1900 mg/m <sup>3</sup> TWA

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

<b>Odor threshold:</b> 0.29 <b>Appearance:</b> Clear Liquid <b>Vapor Pressure:</b> 43.0 mmHg <b>Melting Point:</b> Not Applicable <b>Solubility:</b> Soluble <b>Flash point:</b> Not Applicable <b>Freezable:</b> No <b>Flamability-upper:</b> Not Applicable <b>Autoignition temperature:</b> Not Applicable <b>Viscosity:</b> Not Applicable <b>Partition coefficient:</b> Not Determined	<b>Vapor Density:</b> 1.6 <b>Odor:</b> Mild <b>Specific Gravity (SG):</b> 0.997 <b>Freezing point:</b> Not Applicable <b>Initial Boiling Point:</b> 100°C <b>Evaporation rate:</b> Not Determined <b>Flamability-lower:</b> Not Applicable <b>PH Value:</b> Not Applicable <b>Decomposition temperature:</b> Not Determined <b>Lbs VOC/Gallon Less Water:</b> Not Determined
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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:**

blood eyes liver central nervous system reproductive system skin respiratory system

**CARCINOGENICITY:**

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
64-17-5	Ethyl alcohol	0.1% - 1.0%	Ethyl alcohol: IARC: Human carcinogen OSHA: listed

**Section 12: Ecological Information**

Not Available.

**Component Ecotoxicity**

Ethyl alcohol 96 Hr LC50 Oncorhynchus mykiss: 12.0 - 16.0 mL/L [static]; 96 Hr LC50 Pimephales promelas: >100 mg/L [static]; 96 Hr LC50 Pimephales promelas: 13400 - 15100 mg/L [flow-through]  
48 Hr LC50 Daphnia magna: 9268 - 14221 mg/L; 48 Hr EC50 Daphnia magna: 2 mg/L [Static]

**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.

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
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  
Not Determined

CAA (Clean Air Act) - Accidental Release Prevention - Toxic Substances  
Not Determined

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

64-17-5 Ethyl alcohol 0.1 - 1.0% Carcinogen, Carcinogen

CERCLA/SARA - Hazardous Substances and their Reportable Quantities  
Not Determined

CWA (Clean Water Act) - Toxic Pollutants  
Not Determined

DOT (Department of Transportation) - Hazardous Substances and Reportable Quantities  
Not Determined

International Maritime Organization (IMO) - IMDG - Marine Pollutants  
Not Determined

New Jersey - Right to Know Hazardous Substance List  
Ethyl alcohol 64-17-5 0.1 - 1.0%

OSHA - Specifically Regulated Chemicals  
Not Determined

CERCLA/SARA - Section 313 - Emission Reporting  
Not Determined

TSCA (Toxic Substances Control Act) Section 4(e) - ITC Priority Testing List  
Not Determined

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
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**EU Risk Phrases**

**Safety Phrase**

53516-76-0	Alkyl Dimethyl Benzyl Ammonium Chloride	1.0 - 5%
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<b>Section 16: Other Information</b>
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Date Prepared: 11/20/2019

Date revised: 2019-11-20

Reviewer Revision

While PRODUCTION ASSISTANCE LINK, INC. believes the statements set forth herein are accurate as of the date hereof, PRODUCTION ASSISTANCE LINK, INC. makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration, investigation, and verification .