



SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: TB Disinfectant

Product Number: EPA Reg. No.: 1839-83-69268

Recommended use of the chemical and restrictions on use:
Disinfectant Cleaner. For industrial use.

Manufacturer/Supplier:

EnviroX LLC P.O. Box 2327, 1938 E. Fairchild St., Danville, IL
61834-2327 USA Tel 1-217-442-8596

Emergency Phone Number:

*ChemTel Inc. 800-255-3924, +1-813-248-0585

SECTION 2 –HAZARD(S) IDENTIFICATION

Appearance: Colorless

Physical State: Liquid

Odor: Lemon

Classification:

Serious Eye Damage/Eye Irritation	Category 2B
Aquatic Toxicity: Acute	Category 2

Signal Word:

Warning

Hazard Statements:

Causes eye irritation.
Toxic to aquatic life.

Precautionary Statements-Prevention

Wash thoroughly after handling.
Avoid release to the environment.

Precautionary Statements – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Specific treatment: Remove from exposure and treat symptoms.

Precautionary Statements – Storage

Store away from incompatible materials.

Precautionary Statements – Disposal

Dispose of contents/container in accordance with local, regional, and/or national regulations.

Other Hazards

None known

Unknown Acute Toxicity

None Known

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %
Water	7732-18-5	60-100
Diethylene Glycol Monobutyl Ether	112-34-5	5-10
Tetrasodium EDTA	64-02-8	1-5

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4 - FIRST-AID MEASURES

After inhalation: Remove to fresh air.

After skin contact: Wash off immediately with plenty of water for at least 15 minutes.

After eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

After swallowing: Rinse out mouth and then drink plenty of water. If any discomfort persists, obtain medical attention.

Most important symptoms and effects, both acute and delayed: Prolonged or repeated exposure can remove natural skin oils and may product irritation.

Indication of any immediate medical attention and special treatment needed: Treat systematically. May aggravate pre-existing skin disorders.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray (fog). Carbon Dioxide (CO₂). Water. Foam.

Unsuitable extinguishing media: Not determined.

Special hazards arising from the substance or mixture: None known.

Hazardous Combustion Products: Normal products of combustion.

Special protective equipment and precautions for fire-fighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES:

Personal precautions, protective equipment and emergency procedures: Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental Precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13, Disposal Considerations, for additional information. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up: Prevent from spreading or entering drains, ditches or rivers by using sand, earth or other appropriate barriers. Contain and collect with an inert absorbent and place into an appropriate container for disposal. Rinse area with clean water and dry before permitting traffic.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. For industrial and commercial use only. Avoid contact with skin, eyes or clothing.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed and store in a cool, dry and well-ventilated place. Protect from freezing. Keep out of the reach of children. No known incompatible materials based on information supplied.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
None Listed			

Appropriate engineering controls: Ensure adequate ventilation, especially in confined areas. Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. Eyewash stations. Showers.

Personal protective equipment—

Eye protection: No protective equipment is needed under normal use conditions.

Skin and Body protection: Not required under normal conditions of use.

Respiratory protection: Under normal conditions, respirator is not normally required.

Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Form: Liquid Color: Clear
Odor:	Lemon
Odor threshold:	Not determined
pH value at 20 °C (68 °F):	11.5-12.0
Melting point/Melting range:	32 °F / 0 °C
Boiling point/Boiling range:	212 °F / 100 °C
Flash point:	Not applicable
Evaporation rate:	Not determined
Flammability (solid, gaseous):	Not applicable
Explosive Limits	Lower: Not applicable
Explosive Limits	Upper: Not applicable

Vapor density:	Not determined
Relative Density:	1.01
Water Solubility:	Completely soluble @ 25 °C (77 °F)
Solubility in other solvents:	Not determined
Partition coefficient:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Kinematic Viscosity:	Not determined
Viscosity:	Not determined
Explosive Properties:	Not an explosive
Oxidizing Properties:	Not determined

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions. **Chemical stability:** Stable under recommended storage conditions.

Possibility of hazardous reactions: None under normal processing. **Hazardous Polymerization:** Hazardous polymerization does not occur. **Conditions to avoid:** Keep out of reach of children. Keep from freezing. **Incompatible materials:** None known based on information supplied. **Hazardous decomposition products:** Normal products of combustion.

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Inhalation: Avoid breathing vapors or mist.

Ingestion: Do not taste or swallow.

Skin contact: Avoid contact with skin.

Eye Contact: Avoid contact with eyes.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Diethylene Glycol Monobutyl Ether 112-34-5	= 5080 mg/kg (Rat)	-	-
Tetrasodium EDTA 64-02-8	= 10 g/kg (Rat)	-	-

Symptoms related to the physical, chemical and toxicological characteristics – Symptoms: Please see section 4 of this SDS for symptoms.

Delayed and immediate effects and also chronic effects from short and long-term exposure: Not classifiable as a human carcinogen.

Numerical measures of toxicity: Not determined.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information:

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Diethylene Glycol Monobutyl Ether 112-34-5	-	2000 mg/l (96hr) silverside minnow	-	
Tetrasodium EDTA 64-02-8	1.01: 72 h Desmodesmus subspicatus mg/L EC50	41: 96 h Lepomis macrochirus mg/L LC50 static 59.8: 96 h Pimephales promelas mg/L LC50 static	-	610: 24 h Daphnia magna mg/L EC50

Persistence/Degradability: Not determined.

Bioaccumulation: Not determined.

Mobility: Not determined.

Other adverse effects: Not determined.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14 - TRANSPORT INFORMATION

Note: Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT: Not regulated.

IATA: Not regulated.

IMDG: Not regulated.

SECTION 15 - REGULATORY INFORMATION

International Inventories: Not determined.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 311/312 Hazard Categories

Acute Health Hazard: Yes

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Diethylene Glycol Monobutyl Ether	112-34-5	1-2	1.0

CWA (Clean Water Act): This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65: The product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations: This product does not contain any substances regulated under applicable state right-to-know regulations.

Chemical Name	State List
None Listed	

AZ – Arizona Ambient Air Quality Guidelines

CT – Connecticut Hazardous Air Pollutants

CA – California Director's List of Hazardous Substances

CAP65 – California Prop 65

FL – Florida Substances List

ID – Idaho Non-Carcinogen Toxic Air Pollutants

IL – Illinois Toxic Air Contaminant- Carcinogenic

MA – Massachusetts Right to Know List

MN – Minnesota Hazardous Substances List

NJ – New Jersey Right to Know List

PA – Pennsylvania Right to Know List

RI – Rhode Island Hazardous Substances List

FIFRA Label Information: This chemical is a pesticide product registered by the United States Environmental Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use.

Caution

Causes moderate eye irritation.

SECTION 16 - OTHER INFORMATION

NFPA	Health Hazards	Flammability	Instability	Special Hazards
	Not determined	Not determined	Not determined	Not determined
HMIS	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	Not determined

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Revision Note Emergency phone number update, Section 2 update

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Disclaimer: EnvirOx LLC cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

Keep Out of Reach of Children. For Industrial and Institutional Use Only.

*Denotes changes from last version.

End of Safety Data Sheet