

EW 150**SECTION 1. IDENTIFICATION**

Product Identifier EW 150
Product Family Disinfectant
Manufacturer Easy Way, 10 Housers Lane, Woodstock, Ontario, N4S 7W8, 1-800-265-9205, www.easyway.ca
SDS No. 0036
Date of Preparation March 18, 2015

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Skin corrosion/irritation - Category 1C; Serious eye damage/eye irritation - Category 2A

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	%	Other Identifiers
Didecyl dimethyl ammonium chloride	7173-51-5	10-30	
Lauramine Oxide	1643-20-5	10-30	
Tetrasodium EDTA	10378-23-1	2-5	

SECTION 4. FIRST-AID MEASURES**First-aid Measures****Inhalation**

Move to fresh air. Get medical advice/attention if you feel unwell or are concerned.

Skin Contact

Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. If skin irritation occurs get medical advice/attention.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice/attention.

Ingestion

Rinse mouth with water. Do not induce vomiting. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again. Immediately call a Poison Centre or doctor.

First-aid Comments

If exposed or concerned, get medical advice/attention.

Most Important Symptoms and Effects, Acute and Delayed

Symptoms may develop hours after exposure.

Immediate Medical Attention and Special Treatment

Target Organs

Blood, eyes, liver, respiratory system, skin.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide, dry chemical powder or appropriate foam.

Specific Hazards Arising from the Chemical

In a fire, the following hazardous materials may be generated: very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides; corrosive chlorine.

Special Protective Equipment and Precautions for Fire-fighters

Firefighters should wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

It is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway.

Methods and Materials for Containment and Cleaning Up

Dike spilled product to prevent runoff. Contain and soak up spill with absorbent that does not react with spilled product. Contact emergency services and manufacturer/supplier for advice.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Do not get in eyes, on skin or on clothing. Prevent accidental contact with incompatible chemicals. Keep containers tightly closed when not in use or empty.

Conditions for Safe Storage

Store at temperatures not exceeding: 49°C (120°F) separate from incompatible materials (see Section 10: Stability and Reactivity).

Store in the original, labelled, shipping container.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate Engineering Controls

The hazard potential of this product is relatively low. General ventilation is usually adequate. Provide eyewash in work area, if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

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Wear suitable protective clothing. Wear protective gloves.
Nitrile rubber, natural rubber, polyvinyl alcohol.

Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Dark blue liquid.
Odour	Fragrant
pH	7.0 - 8.0 (100% solution)
Melting Point/Freezing Point	Not available (freezing)
Flash Point	Not available
Relative Density (water = 1)	0.988
Solubility	Soluble in all proportions in water

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

High temperatures. Incompatible materials.

Incompatible Materials

Oxidizing agents (e.g. peroxides).

Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides; corrosive chlorine.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Didecyl dimethyl ammonium chloride		238 mg/kg (rat)	3342 mg/kg (rabbit)
Tetrasodium EDTA		> 2000 mg/kg (rat)	
Lauramine Oxide		> 20 g/kg (female rat)	

No information was located.

Skin Corrosion/Irritation

There is limited evidence of moderate or severe irritation.
Symptoms include pain, redness, and swelling.

Serious Eye Damage/Irritation

Causes serious eye irritation based on skin irritation information.
There is limited evidence of serious eye damage.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

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May be harmful
nose and throat irritation.

Skin Absorption

May be harmful.

Ingestion

Harmful
irritation of the mouth, throat and stomach.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

May cause damage to organs
Blood. Eyes. Liver. Respiratory system. Skin.

Respiratory and/or Skin Sensitization

Preexisting disorders may be aggravated by exposure to this material;skin, lung (asthma-like conditions).

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Lauramine Oxide	Not Listed	Not designated	Not Listed	Not Listed

Not known to cause cancer.

Reproductive Toxicity

Sexual Function and Fertility

Animal studies show effects on sexual function and/or fertility. (Didecyl dimethyl ammonium chloride)

Germ Cell Mutagenicity

Animal studies show evidence of mutagenicity in reproductive cells (sperm or eggs). (Didecyl dimethyl ammonium chloride)

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

Harmful to aquatic life,. (Didecyl dimethyl ammonium chloride)

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Algae
Didecyl dimethyl ammonium chloride	24-48 ug/L (Daphnia magna (water flea); 24 hr; fresh water; static)	> 1000 ug/L (Daphnia magna (water flea); 6 hr; fresh water; static)	0.02 mg/L (Pseudokirchneriella subcapitata (algae); 96-hour)
Tetrasodium EDTA	760 mg/L (Lepomis macrochirus (bluegill); 96-hour)		

Chronic Aquatic Toxicity

Chemical Name	NOEC Fish
Didecyl dimethyl ammonium chloride	0.03 mg/L (Brachydanio rerio (zebra fish); 34-days)

Persistence and Degradability

Does not degrade rapidly based on half-life measurements.

Bioaccumulative Potential

This product or its degradation products have the potential to bioaccumulate based on the fish bioconcentration factor (BCF).

Mobility in Soil

If released into the environment, this product is not expected to move through the soil, based on physical and chemical

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properties.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction. Empty containers retain product residue. Follow label warnings even if container appears to be empty. Do not reuse empty containers.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG Regulations.

Special Precautions for User Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

WHMIS Exempt - registered product - (DIN 02078090).

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

Listed on the DSL.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

Listed on the TSCA Inventory.

SECTION 16. OTHER INFORMATION

NFPA Rating	Health - 3	Flammability - 0	Instability - 0
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