SCI-TECH
ENGINEERED CHEMICALS INC.

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Eliminator DS

Safety Data Sheet

Date of Issue: 15/04/2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Form: Liquid

Product Name: Eliminator DS

Product Code: STC0600

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the mixture: Disinfectant/Cleaner DIN: 02498014

1.3 Details of the supplier of the safety data sheet

Sci-Tech Engineered Chemicals Inc.
9902 90th Avenue
Morinville AB, T8R 1K7
Ph: 780-960-1200 Fx: 780-960-1201
www.scitechinc.ca

1.4 Emergency telephone number

CANUTEC (613) 996-6666

SECTION 2: Hazards identification

2.1 Classification of the substance of mixture

WHMIS 2015 - GHS Classification

Serious eye damage/irritation	2B
Hazardous to the environment, acute	2
Hazardous to the environment, long term	2

2.2 Label elements

WARNING

Hazards: Causes eye irritation.
Toxic to aquatic life.
Harmful to aquatic life with long lasting effects.

Precautions: Wash thoroughly after handling.
Avoid release to the environment.

Response: If in eyes: Rinse cautiously with waterfor several minutes. Remove contact lenses

if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

Storage: Store away from incompatible materials.

Disposal: Dispose of in accordance with provincial/federal regulations

2.3 Other Hazards

None known.

SECTION 3: Composition/Information on ingredients

Component	CAS#	Concentration %	LD_{50} (rat, oral)
Diethylene glycol monobutyl ether	112-34-5	8	5660 mg/kg
Tetrasodium EDTA	64-02-8	1.6	1780 mg/kg
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	85409-23-0	0.11	344 mg/kg
Alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5	0.11	344 mg/kg
Other components below reportable levels		90.1901	

SECTION 4: First-aid measures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin Contact: Wash off with soap and water. Get medical attention if irritation develops and persists.

Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.

Ingestion: Rinse mouth. Get medical attention if symptoms occur.

SECTION 5: Fire fighting measures

Extinguishing media: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Chemical hazards: In closed unventilated containers, risk of rupture due to the increased pressure from decomposition. Use water spray to cool unopened containers.

Protective equipment for fire fighters: Positive pressure SCBA and standard firefighter bunker gear.

SECTION 6: Accidental release measures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers

or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation.
Local authorities should be advised if significant spillages cannot be contained. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is
possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.
Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
Never return spills to original containers for re-use.
Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

SECTION 7: Handling and storage

Precautions for handling: Avoid contact with eyes. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid release to the environment. Do not empty into drains.

Condition for safe storage: DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. PESTICIDE STORAGE: Store in a dry place no lower in temperature than 50°F or higher than 120°F. Store inoriginal tightly closed container.

SECTION 8: Exposure controls/personal protection

Control parameters: Ensure adequate ventilation, especially in confined areas. Eye wash must be available when handling this product.

Personal protective equipment: Wear safety glasses with side shields (or goggles). Wear protective gloves. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

SECTION 9: Physical and chemical properties

Appearance:	Clear yellow liquid
Odour:	Lemon lime
Odour threshold:	n.av.
pH:	11.7
Melting point:	n.av.
Initial boiling point and boiling range:	n.av.
Flash point	> 201.0 °F (> 93.9 °C) Pensky-Martens Closed Cup
Evapouration rate:	n.av.

Flammability:	Non-flammable
Upper/lower flammability limits:	n.av.
Vapour pressure:	n.av.
Vapour density:	n.av.
Relative density:	1.004 g/mL
Solubility:	Soluble in water
Partition coefficient: n-octanol/water:	n.av.
Auto-ignition temperature:	n.av
Decomposition temperature:	n.av.
Viscosity:	n.av

SECTION 10: Stability and reactivity

Reactivity:	The product is stable and non-reactive under normal conditions of use.
Chemical stability:	Stable under normal conditions.
Hazardous reactions:	No dangerous reaction known under conditions of normal use.
Conditions to avoid:	Contact with incompatible materials.
Incompatible materials:	Strong acids, alkalies and oxidizing agents.
Hazarous decomposition products:	Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.

SECTION 11: Toxicological information

Routes of exposure: Ingestion, inhalation, skin and eye contact.

Symptoms of exposure: Prolonged inhalation may be harmful. Causes mild skin irritation. Causes eye irritation. Expected to be a low ingestion hazard. Exposed individuals may experience eye tearing, redness, and discomfort.

Acute toxicity:

Dermal	**Species**	**Test Results**
LD50	Rabbit	> 5 g/kg
Inhalation		
LC50	Rat	> 2.43 mg/L
Oral		
LD50	Rat	> 5 g/kg

Skin sensitization: This product is not expected to cause skin sensitization.

Germ cell mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

SECTION 12: Ecological information

Ecotoxicity: Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Persistence and degradability: Expected to be readily biodegradable

Bioaccumulative potential: Data not available

Mobility in soil: Data not available

Other adverse effects: Data not available

SECTION 13: Disposal considerations

Product should be disposed of in accordance to provincial or state and local government requirements prior to disposal. If the product was supplied in a single use container, care should be taken to dispose of the container in a responsible manner in accordance to local regulations.

SECTION 14: Transport information

Canadian TDG: Not regulated

SECTION 15: Regulatory information

DSL: All components are listed on the Canadian DSL

SECTION 16: Other information

Prepared by: Sci-Tech Engineered Chemicals Research and Development Department

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Date prepared: April 15, 2020