

SECTION 1 - IDENTIFICATION

Product identifier/Trade name: LIQUID SOFT EXTRA CONCENTRATED FABRIC SOFTENER.

Other means of identification: 1804836, 1804844, 63815579

Recommended use: Liquid Softener

Restriction on use: For industrial, institutional and food plant use only.

Initial supplier identifier: CHANDLER
225, Thorne Ave
St John, NB, Canada E2L 4L9
Phone: 1(800) 363-9611

Emergency phone number: (613) 996-6666 (CANUTEC)

SECTION 2 - HAZARDS IDENTIFICATION

2a WHMIS 2015 - GHS (Globally Harmonized System) classification

This product is not classified according to the GHS System

2b Label elements

None

Signal word:

None as per GHS

Hazard statement

May irritate eyes

Precautionary statement

Avoid contact with eyes.

IF IN EYES: Flush or rinse eyes with water immediately after contact. Call a doctor if irritation persists.

IF ingested: Rinse mouth. Call a doctor if you feel unwell. Never give anything by mouth if the person is unconscious.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS #	% (weight)	GHS CLASSIFICATION
Methyl tallow amidoethyl	68122-86-1	1-5	Eye irritation, category 2A
tallow imidazolinium methyl sulfate,			Skin irritation, category 2

The actual concentrations are withheld as a trade secret.

SECTION 4 - FIRST AID MEASURES**4a Description of first aid measures****Eye contact:**

Flush or rinse eyes with water immediately after contact. Call a doctor if irritation persists.

Skin contact:

No effect expected.

Inhalation:

No effect expected.

Ingestion:

Rinse mouth. Call a doctor if you feel unwell. Never give anything by mouth if the person is unconscious

4b Most important symptoms and effects

Eye: May cause irritation.

Skin: No effect expected.

Inhalation: No effect expected.

Ingestion: May cause slight irritation, headache, abdominal pain, diarrhoea, nausea, and vomiting.

4c Immediate medical attention and special treatment needed

No special treatment

SECTION 5 - FIRE FIGHTING MEASURES**5a Extinguishing media**

Suitable extinguishing media:

Water, foam, dry chemicals, carbon dioxide. Product itself is not flammable.

Unsuitable extinguishing media:

None known.

Specific hazards for product

Hazardous combustion products:

Carbon oxide, Carbon dioxide, Nitrogen oxide

Special protective equipment and precautions for firefighters

Special fire-fighting procedures/equipment:

During a fire, irritating smoke and fumes may be generated. A self-contained breathing apparatus is required for fire-fighting personnel to protect themselves from irritating products produced during the combustion. Move containers from fire area if it can be done without risk. A stream of water directed into the product generates a lot of foam.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6a Personal precautions, protective equipment, and emergency procedures

Personal protection:

Avoid contact with eyes. Use adequate aeration and ventilation. Floor will be slippery in case of a spill. Use appropriate personal protection equipment (see section 8)

6b Methods and materials for containment and cleaning:

Stop the leak. For large spills, pump the product into drums or clean up spills using absorbent material. Resume cleaning by rinsing with water. Caution: floors will be slippery.

6c Environmental precautions:

Product is biodegradable. Do not let large quantities go to the sewers.

SECTION 7 - HANDLING AND STORAGE

7a Precautions for Safe handling:

Avoid contact with eyes. When used as directed, no special precautions.

7b Condition for safe storage:

Keep in a tightly sealed container in a well-ventilated room. Do not store on surfaces that may come into contact with food products. KEEP FROM FREEZING

7c Special packaging materials: none.

No incompatibility with most materials found in most workplaces.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

8a Control parameters

	Ontario Time-weighted Average Limit (TWA)	Ontario Short-Term Exposure Limit (STEL)	Notations
	None established	None established	

8b Engineering controls:

Not required under normal applications.

8c Individual protection measures

Respiratory Protection:

Not required under normal applications.

Skin protection and other protective equipment:

Not required under normal applications.

Eye / face protection:

Not required under normal applications. In case of possible contact, safety glasses.

General hygiene considerations:

KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes. Never eat, drink, or smoke in work areas.

Good hygiene is recommended after use of this product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odour:

Blue liquid.

Odour threshold:	N/Av
pH:	3,0-4,0
Melting point and freezing point:	Approximately 0 °C
Boiling point:	Approximately 100 °C
Flash point:	None to boil
Evaporation rate (n-BuAc =1):	Approximately 0.4 (water)
Lower flammable limit (% by volume):	N/Av
Upper flammable limit (% by volume):	N/Av.
Explosion data - Sensitivity to mechanical impact:	Not sensitive
Explosion data - Sensitivity to static discharge:	Not sensitive
Vapour pressure (mm Hg)	ND
Vapour density:	ND
Specific gravity or density (water = 1 at 4 °C):	Approximately 1.0 g/cm ³ @ 20 °C
Solubility in water:	Miscible
Partition coefficient – n-octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature	Not available
Viscosity:	20-50 cps @ 25 °C

SECTION 10 - STABILITY AND REACTIVITY

10a Reactivity:

Not applicable when used as directed.

10b Chemical stability:

Stable at room temperature, in normal handling and storage conditions.

10c Possibility of hazardous reactions:

May react with strong acids and strong oxidizing agents.

10d Conditions to avoid:

Avoid contact with strong acids and oxidizers.

10e Incompatible materials

Strong acids and oxidizers

10f Hazardous decomposition products:

With strong oxidizers: carbon oxides. With strong acids: heat, water vapor.

SECTION 11 - TOXICOLOGICAL INFORMATION

Primary entry route(s): Eye and ingestion.

Eye: May cause irritation.

Skin: No effect expected

Inhalation: No effect expected.

Ingestion: May cause slight irritation, headache, abdominal pain, diarrhoea, nausea, and vomiting.

Carcinogenicity:

No ingredients classified as carcinogenic.

Teratogenicity, mutagenicity, other reproductive effects:

No ingredients classified as such.

Skin sensitization:

No ingredients classified as sensitizing

Respiratory tract sensitization:

Not available

Synergistic materials:

Not available

Other important hazards:

Not available

Toxicological data: The calculated LD₅₀ for this product is greater than 12,000 mg/Kg, oral, rat; our products are not tested on animals.

Ingredient	LD ₅₀ (route, species)	LC ₅₀ # hours (species)
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Sulfate de Methyl imidazolinium Methyl tallow amidoethyl tallow	>2,000 mg/Kg (oral, rat)	N/AV.
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For more details, refer to Section 3.

SECTION 12 - ECOLOGICAL INFORMATION

12a Ecotoxicity :

TOXICITY (Fish)	Results LC50	Exposure time	Method
Sulfate de Methyl imidazolinium Methyl tallow amidoethyl tallow	22ppm	48H	N/AV.

TOXICITY (Crustacea)	Results LC50	Exposure time	Method
Sulfate de Methyl imidazolinium Methyl tallow amidoethyl tallow	65ppm	96H	N/AV.

12b Persistence and degradability: Product is expected to be readily biodegradable as per OECD 301.

12c Bioaccumulation potential: Not available

12d Mobility in soil: There is no test data on this product.

12e Other adverse effect No applicable information found

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of material according to regional, provincial and federal regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Transportation of Dangerous Goods (TDG) in Canada:

Not regulated

UN number

Not applicable

Proper shipping name:

Not applicable

Class:

Not applicable

Identification number:

Not applicable

Packing group:

Not applicable

Special case:

Not applicable

SECTION 15 - REGULATORY INFORMATION

In Canada

WHMIS information:

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and this safety data sheet (SDS) contains all the information required by the HPR.

WHMIS 2015

Classification:

See section 2a

CEPA information:

Ingredients are listed on the DSL inventory.

SECTION 16 - OTHER INFORMATION

Date of latest revision: 2022-03-16

References:

1. Manufacturer'/suppliers' MSDS.
2. Occupational Exposure Limits for Ontario Workplaces required under Regulation 833
3. International Agency for Research on Cancer Monographs
4. The European Chemicals Agency (ECHA) website.

Abbreviations:

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstract Service
CEPA	Canadian Environmental Protection Act
cps	Centipoises
DSL	Domestic Substance List
HMIS	Hazardous Material Information System
IARC	International Agency for Research on Cancer
LC	Lethal concentration
LD	Lethal Dosage
N/Av	Not available
N/Ap	Not Applicable
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
TLV	Threshold Limit Value
WHMIS	Workplace Hazardous Materials Information System

End of the MSDS