

LICENSE

SECTION 1. IDENTIFICATION

Product Identifier	LICENSE
Other Means of Identification	Disinfectant Bactericidal Neutral Cleaner
Other Identification	DIN 02286343
Product Family	Concentrate to be diluted
Recommended Use	Approved by Health Canada. Can be used as disinfectant in hospitals, health care facilities, institutions/industry and food processing facilities.
Restrictions on Use	For industrial/professional use only all surfaces in contact with food should be well rinsed with drinking water.
Manufacturer	Groupe Parall Inc. 2970 Bergman Laval, Québec, H7L 3P4 Canada 450-687-6666 or/ou 1-800-661-6660 www.parall.ca
Emergency Phone No.	not available
SDS No.	0120

SECTION 2. HAZARD IDENTIFICATION

Classification

Skin irritation - Category 2; Eye irritation - Category 2A

Label Elements



This product is a sanitizer approved by Health Canada, WHMIS exempt. It was still classified according to the HPR for user needs. For more information on seeing the product label.

Signal Word:

Warning

Hazard Statement(s):

Causes skin irritation.

Causes serious eye irritation.

Precautionary Statement(s):

Prevention:

Wash hands thoroughly after handling.

Wear eye protection/face protection.

Wear protective gloves.

Response:

IF ON SKIN: Wash with plenty of water.

If skin irritation occurs: Get medical advice or attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Specific treatment (see supplemental first aid instruction on this label).

If eye irritation persists: Get medical advice or attention.

Take off contaminated clothing and wash it before reuse.

Other Hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
N,N-dimethyl-, N-oxide 1-Octanamine	2605-78-9	1-5	auucn	none
Tetrasodium ethylenediaminetetraacetate	64-02-8	1-5	none	EDTA
Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides	68424-85-1	1-5	none	none
Ammonium, didecyldimethyl-, chloride	7173-51-5	1-5	none	none

Notes

Concentrations are expressed in % weight/weight.

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

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

Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. Clean clothing, shoes and leather goods.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice or attention.

Ingestion

Rinse mouth with water. Immediate medical attention is required.

Most Important Symptoms and Effects, Acute and Delayed

If on skin: symptoms include slight redness and swelling. May cause moderate to severe irritation. If in eyes: symptoms include sore, red eyes, and tearing. Causes moderate to severe irritation.

Immediate Medical Attention and Special Treatment

Target Organs

No further relevant information available.

Special Instructions

Not applicable.

Medical Conditions Aggravated by Exposure

Product Identifier: LICENSE - Ver. 1

SDS No.: 0120

Date of Preparation:

Date of Last Revision: septembre 05, 2019

Page 02 of 07

None known.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Carbon dioxide, dry chemical powder.

Unsuitable Extinguishing Media

Water. Do not use water jet as an extinguisher, as this will spread the fire.

Specific Hazards Arising from the Product

The product is not flammable.

In a fire, the following hazardous materials may be generated: very toxic carbon monoxide, carbon dioxide.

Special Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary.

No further information are available.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Keep people away from and upwind of split/leak. Restrict access to area until completion of clean-up. Refer to protective measures listed in sections 7 and 8.

Environmental Precautions

It is good practice to prevent releases into the environment. Notify local authorities if significant leaks can not be contained.

Methods and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product. Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Rinse with water. Ventilate well.

Other Information

None other.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Do not get in eyes, on skin or on clothing. Wash hands thoroughly after handling. General Hygiene: When using do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Take off all contaminated clothing and wash it before reuse. Keep the container tightly closed. Avoid inhaling vapours or fumes from this product.

Conditions for Safe Storage

Store at 4°C to 32°C. Provide adequate ventilation in storage area. Protect from freezing.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Not available.

Appropriate Engineering Controls

Provide eyewash and safety shower if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

Product Identifier: LICENSE - Ver. 1
Date of Preparation:
Date of Last Revision: septembre 05, 2019

SDS No.: 0120

Page 03 of 07

Wear chemical safety goggles and face shield when contact is possible. If eye contact is possible, safety glasses with side shields should be worn.

Skin Protection

Wear chemical resistant gloves.

Glove resistant to chemicals. The glove supplier may recommend appropriate gloves.

Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Blue. Particle Size: Not applicable
Odour	Citrus
Odour Threshold	Not available
pH	8.2
Melting Point/Freezing Point	Not applicable (melting); Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	Not applicable
Evaporation Rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapour Pressure	Not applicable
Vapour Density (air = 1)	Not applicable
Relative Density (water = 1)	1.010
Solubility	Miscible in any proportion in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
Other Information	
Physical State	Liquid
Bulk Density	Not applicable
Surface Tension	Not available
Critical Temperature	Not applicable
Electrical Conductivity	Not available
Vapour Pressure at 50 deg C	Not applicable
Saturated Vapour Concentration	Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

Product Identifier: LICENSE - Ver. 1

SDS No.: 0120

Date of Preparation:

Date of Last Revision: septembre 05, 2019

Page 04 of 07

High temperature and freezing can compromise the integrity or efficiency of the product.

Incompatible Materials

Oxidizing agents (e.g. peroxides).

Not corrosive to metals.

Hazardous Decomposition Products

None known.

SECTION 11. TOXICOLOGICAL INFORMATION

ATE = Acute toxicity estimates. Calculate by Canwrite function as per 5th revised edition of the GHS purple book (Chapter 3.1) rTECS® is provided quarterly by BIOVIA, and was last updated: March, 2019.

Likely Routes of Exposure

Eye contact; skin contact; ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Tetrasodium ethylenediaminetetraacetate		> 2000 mg/kg (rat)	
Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides		426 mg/kg (rat)	
Ammonium, didecyldimethyl-, chloride		84 mg/kg (rat)	

Oral ATEmix = 1425 mg/kg

Skin Corrosion/Irritation

Symptoms include pain, redness, and swelling.

Serious Eye Damage/Irritation

Symptoms include slight redness and pain.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

Not expected.

Skin Absorption

Not expected.

Ingestion

No information was located.

Aspiration Hazard

No information was located.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information available.

Respiratory and/or Skin Sensitization

No information available.

Carcinogenicity

No information was located.

Reproductive Toxicity

Development of Offspring

No information available.

Sexual Function and Fertility

Product Identifier: LICENSE - Ver. 1

SDS No.: 0120

Date of Preparation:

Date of Last Revision: septembre 05, 2019

Page 05 of 07

No information was located.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

No information was located.

Interactive Effects

No information was located.

Other Information

Sources for toxicity values:

-RTECS® is provided quarterly by BIOVIA, and was last updated: March 2019.

-CHEMINFO (Toxicological information)

SECTION 12. ECOLOGICAL INFORMATION

Environmental information was not located.

Ecotoxicity

No information was located.

Persistence and Degradability

No information was located.

Bioaccumulative Potential

No information was located.

Mobility in Soil

No information was located.

Other Adverse Effects

There is no information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

This product and its container must be disposed of as hazardous waste. Do NOT dump into any sewers, on the ground or into any body of water. The container can be recycle if it dry and clean. Dispose of or recycle empty containers through an approved waste management facility.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1903	CORROSIF LIQUID DISINFECTANT N.O.S. (Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides)	8	III

Special Precautions Please note: Limited quantity 5L

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

This product is a sanitizer approved by Health Canada, WHMIS exempt. It was still classified according to the RPD for user needs. For more information on seeing the product label.

SECTION 16. OTHER INFORMATION

NFPA Rating **Health - 1** **Flammability - 0** **Instability - 0**

Product Identifier: LICENSE - Ver. 1 SDS No.: 0120

Date of Preparation:

Date of Last Revision: septembre 05, 2019

Page 06 of 07

SDS Prepared By Groupe Parall Inc. Technical services
Phone No. 450-687-6666
Date of Last Revision septembre 05, 2019
Key to Abbreviations

LC 50 = Létal concentration
LD 50 = Létal dose
PEL= Permissible exposure limit. (OSHA HCS limit)
TLV = Threshold Limit Value (ACGIH limit)
TWA = Time-Weighted Average
STEL [C] = Short Term Exposure Limit [ceiling]
OSHA = Occupational Safety and Health Administration (United States)
ACGIH® - American Conference of Governmental Industrial Hygienists
AIHA® = AIHA® Guideline Foundation
HSDB® = Hazardous Substances Data Bank
IARC = International Agency for Research on Cancer
NIOSH = National Institute for Occupational Safety and Health
NTP = National Toxicology Program
RTECS® = Registry of Toxic Effects of Chemical Substances
CNESST = Committee on Standards, Equity, Health and Safety at Work (Quebec)

References

CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).
HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS). CNESST site: www.csst.qc.ca/en/prevention/reptox manufacturer datasheets.

Disclaimer

The information in this safety data sheet are, to our knowledge, according to our information and belief, accurate at the date of publication. This information is provided as a guide for the safe handling, use, processing, storage, transportation, disposal and disposal of the product, and should not be considered as any guarantee or quality standard. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Product Identifier: LICENSE - Ver. 1
Date of Preparation:
Date of Last Revision: septembre 05, 2019

SDS No.: 0120

Page 07 of 07