

## 1. IDENTIFICATION OF USE PRODUCT AND COMPANY

PRODUCT NAME LIBEWIPE-RTU  
USE : Hard surface disinfectant wipe

Fabricant **LIBERCHEM**   
LIBERCHEM Inc  
572 Avenue Orly, Dorval  
Quebec, Canada  
H9P 1E9  
Tel : 514 631-7177

EMERGENCY PHONE Poison Control Center (Quebec) : 1 (800) 663-5060  
CANUTEC : (613) 996-6666

## 2. HAZARD(S) IDENTIFICATION

**Appearance:** Clear White wipe  
**Physical state:** Pre-Moistened Towelette  
**Classification of the substance or mixture:** Not classified  
**Caution Requirement:** If medical advice is needed; have container or label available.  
Keep out of reach of children  
Read the label before use

**Hazard Statements:** No known significant effects or critical hazards

**Classification system according to NFPA :** Not applicable

## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

### HAZARDOUS INGREDIENTS

Chemical Characteristic: Mixtures

Description: Mixture of substances listed below with non-hazardous additions.

CAS No.		%
85409-23-0	Alkyl (68%C12,32% C14) dimethyl ethylbenzyl ammonium chloride	0.10 -0.20 %
68391-01-5	Alkyl dimethyl benzyl ammonium chloride (C12-18)	0.10 -0.20 %

## 4. FIRST-AID MEASURES

**INHALATION :** Remove victim to fresh air. If not breathing, give artificial respiration. If artificial respiration is difficult, give oxygen and seek medical attention immediately  
**SKIN** Rinse thoroughly with water and soap. If clothing becomes contaminated , remove immediately. If irritation occurs, seek medical attention  
**EYES** Immediately flush eyes with warm water at slightly rate for 15 minutes or until the product is removed. Consult a physician.  
**INGESTION :** If victim is conscious give two glasses of water. INDUCE VOMITING by a professional. Get medical attention  
Immediately.Symptoms and most important effects (acute and delayed): (See Section 11) -No other relevant information available.

## 5. FIRE-FIGHTING MEASURES

- Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- MEANS OF EXTINCTION: Use dry chemical, CO2, water, alcohol foam, for large fires.
- FIRE EXTINCTIONS INAPPROPRIATE: Not available
- SPECIFIC HAZARDS PRODUCT OR DANGEROUS MIX: Combustible can release vapors that form flammable mixtures at or above its flash point. Use water spray to cool. Avoid spraying water directly into storage containers due to danger to boil over. The liquid is volatile and gives off invisible vapors.
- HAZARDOUS COMBUSTION: The decomposition products may include carbon monoxide.
- SPECIAL PROTECTION EQUIPMENT AND SPECIAL PRECAUTIONS FOR FIREFIGHTERS: Wear full protective clothing including self contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY MEASURES: Wear personal protective equipment. (Refer to section 8 for personal protection). and section 13 for data on disposal.
- ENVIRONMENTAL MEASURES: The product should not be discharge into drain and waterways.
- SPILL ON LAND Collect used rolls with an absorbent to wipe the spilled liquid on the floor. Do not use combustible material such as sawdust.
- SPILL IN WATER: Eliminate ignition sources. Remove from the water surface using adequate absorbent
- Methods for containment Prevent further leakage or spillage if safe to do so.

## 7. HANDLING AND STORAGE

- SAFETY PRECAUTIONS IN HANDLING: Handle in accordance with good industrial hygiene and safety practice. DO NOT handle or store near open flames, heat or ignition. Protect the product from the sun.
- STORAGE: Store in a cool, dry, well ventilated area away from heat and ignition sources. Keep away from incompatible materials. Store according to appropriate industry standards.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**General measures:** Keep away from food and beverages. Remove contaminated clothing immediately. Do not inhale gas fumes. Avoid contact with the skin.

- CONTROL PARAMETERS,
- 

Chemical name	OSHA Permissible Exposure Limit (PEL)	ACGIH Exposure limit value (ELV)
Alkyl (68%C12,32% C14) dimethyl ethylbenzyl ammonium chloride	None	None
Alkyl dimethyl benzyl ammonium chloride (C12-18)	None	None

### ENGINEERING MEASURES SUITABLE:

Showers Eyewash stations Ventilation systems

### Individual protection measures, such as personal protective equipment :

Eye/Face Protection:

No special protective equipment required.

Skin and Body Protection:

No special protective equipment required.

Respiratory Protection:

No protective equipment is needed under normal use conditions. If irritation is experienced,

ventilation and evacuation may be required.

Hygiene Measures:

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Thin liquid absorbed into non-woven wipes
ODOR:	characteristic odor
DENSITY:	0.905 @ 15 °C.
pH:	No data available
BOILING POINT	No data available
FUSION POINT:	No data available
VAPOR PRESSURE:	No data available
VAPOR DENSITY:	No data available
% ORGANIC VOC:	No data available
EVAPORATION RATE:	No data available
SOLUBILITY:	Complete
FLASH POINT	No data available
FLASH POINT AND METHOD	No data available
FLAMMABILITY LIMITS	No data available
FLAMMABILITY LIMITS	No data available

## 10. STABILITY AND REACTIVITY

- CHEMICAL STABILITY: The product is stable under normal conditions.
- CONDITIONS TO AVOID: Avoid High temperature, sparks, open flames.
- HAZARDOUS POLYMERIZATION: Will not occur
- INCOMPATIBILITY: Avoid strong oxidizers
- HAZARDOUS DECOMPOSITION PRODUCTS: Strong oxidizing agents

## 11. TOXICOLOGICAL INFORMATION

- INFORMATION ON TOXICOLOGICAL EFFECTS:

Acute toxicity :

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Alkyl (68%C12,32% C14) dimethyl ethylbenzyl ammonium chloride	570 mg/kg (Rat)	>2000mg/kg (Rat)	-
Alkyl dimethyl benzyl ammonium chloride (C12-18)	570 mg/kg (Rat)	>2000mg/kg (Rat)	-

### HEALTH EFFECTS

Eyes	Slightly irritating, but does not cause eye damage
Skin	Low toxicity, Frequent or prolonged contact may irritate the skin and cause skin rash (dermatitis) . The contact with skin may cause aggravate
Inhalation	Exposure to vapor or mist may irritate respiratory tract
Ingestion	Low toxicity, small amounts of liquid aspirated into the respiratory system during ingestion or subsequent vomiting may cause mild lung injury.

# Safety Data Sheet

EXPOSITION Information on toxicologic effects :

CANCEROGÉNÉCITY	No component of this product is identified as a probable carcinogen, possible or confirmed human by IARC.
MUTAGENICITY	No available Data
TERATOGENICITY	No available Data

## 12. ECOLOGICAL INFORMATION

Ecotoxicity	Harmful if swallowed.
Persistence and Degradability	Not Available
Bioaccumulation	Not Available
Other adverse effects	Not Available

## 13. DISPOSAL CONSIDÉRATIONS

**Disposal methods** : Dispose of in accordance with all applicable federal, state, and local regulations. Do not allow this material to drain into sewers / pipes, water supply  
**Contaminated Packaging** : Do not reuse empty containers. Dispose of in accordance with all applicable federal, state, and local regulations

## 14. TRANSPORT INFORMATION

TRANSPORT OF DANGEROUS GOOD (TDG):	The product is not regulated for road or rail.
IMDG (Maritime Transportation):	The product is not regulated for maritime transportation.
AIR TRANSPORTATION (IATA):	The product is not regulated for air transportation.

## 15. REGULATORY INFORMATION

The components of this product are on the following inventories:

- **Canadian Domestic Substances List (DSL)** All constituents of this product are on the DSL.
- **Information system on hazardous material (WHMIS)**: NR.

## 16. OTHER INFORMATION

Emission date	03/08/2020
Version	00
Prepared by	Regulatory Affairs

We have characterized the general risk of the product according to the USE THAT WE RECOMMEND FOR THIS PRODUCT.

Any use not in accordance with our recommendations may affect the risk characterization.

This product material safety data sheet provides health and safety information. The product is to be used in applications consistent with our product literature. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. For any other uses, exposures should be evaluated so that appropriate handling practices and training programs can be established to insure safe workplace operations. For more information please contact your technical representative.

**NOTICE OF NON RESPONSABILITY**: The information above is based on data considered accurate. No warranty express or implied, is based from the data information. The user is responsible for the determining if the product is suitable for condition of use.