

### Section 1. Identification

**Product identifier :** BAC

**Other means of identification :** Codes : 30860, 30861, 30868, 30872  
DIN : 02085690

**Recommended use and restrictions on use :** Disinfectant and sanitizer

**Supplier identifier :** Les Produits Sanitaires Lépine inc.  
1105 Bersimis  
Chicoutimi, Qc  
G7K 1A4  
Phone : 418-545-0794  
[www.produitslepine.com](http://www.produitslepine.com)

**Emergency telephone number :** CANUTEC : +1-613-996-6666 or \*666 (cell phone)  
24/7

### Section 2. Hazard identification

**Hazard classification of substance or mixture :** This product is subject to the Food and Drugs Act and is not subject to the requirements of WHMIS 2015.

**Precaution :** KEEP OUT OF REACH OF CHILDREN. Harmful if swallowed. Avoid contact with skin and eyes. Do not mix with soap or synthetic detergents.

### Section 3. Composition/information on ingredients

**Substance/material :** Mixture

Chemical name	Common name	% (w/w)	CAS number
N-alkyl (C12-16)- n,n-dimethyl-n-benzylammonium chloride		7 – 13	68424-85-1
Ethyl alcohol		0,5 – 1,5	64-17-5

The actual concentration or concentration range is withheld as a trade secret.

Based on current knowledge of the supplier and in the concentrations applicable, no other ingredients present are classified as hazardous to health or the environment, therefore would require reporting in this section.

Occupational exposure limits, where available, are listed in section 8.

### Section 4. First-aid measures

**First aid instructions :** In case of contact with skin, rinse immediately with plenty of water. In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and call a physician. Remove and wash all contaminated clothing before re-use. If swallowed, do not induce vomiting. Call a physician or poison control centre immediately. Take container, label or product name and Registration Number with you when you seek medical attention

**Note to physician :** Probable mucosal damage may contraindicate the use of gastric lavage.

### Section 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media :**

Water fog, foam, dry chemical powder, carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media :**

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

#### Specific hazard arising from the hazardous product :

No specific risk of fire or explosion.

**Hazardous combustion products :**

During fire, gases hazardous to health may be formed.

**Precautions for fire-fighters :**

Move containers from fire area if you can do so without risk.

**Protective equipment for fire-fighters :**

It is important that firefighters wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a positive pressure face shield.

### Section 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures :**

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. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and cleaning up :**

Contain spill for neutralization, in order to prevent environmental contamination. Keep away from sewers or waterways. The small quantities must be removed, wiped and used, when it's possible. For general purpose cleaning, or drain in the sanitary sewers if the municipal and provincial regulations permit it. Recover the abundant quantities with vermiculite or all other absorbent, and eliminate as industrial waste. If the product flowed in the nature inform the municipal, provincial and federal authorities as required by law.

### Section 7. Handling and storage

#### Precautions for safe handling

**Protective measures :**

Do not get this material in contact with eyes. Avoid contact with skin. Avoid contact with clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid release to the environment. Do not empty into drains.

**Advice on general hygiene at work :**

Refer to Section 8 for information on hygiene measures.

**Conditions for safe storage (including incompatible materials) :**

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. Store in a dry place no lower in temperature than 10°C or higher than 50°C. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

### Section 8. Exposure controls/Personal protection

#### Control parameters

**Occupational exposure limits :**

Name of product or ingredient	Exposure limits - ACGIH	Exposure limits - OSHA	Immediately dangerous to life or health - IDLH
Ethyl alcohol	1000 ppm - TWA	1000 ppm - VTWA	3300 ppm

**Appropriate engineering controls :**

General mechanical ventilation.

#### Individual protection measures

**Hygiene measures :**

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.

<b>Eye / face protection :</b>	Wear eye protection such as protective glasses.
<b>Skin protection :</b>	
<b>Hand protection :</b>	Wear appropriate chemical resistant gloves.
<b>Body protection :</b>	None required in normal use.
<b>Other skin protection :</b>	None required in normal use.
<b>Respiratory protection :</b>	In case of insufficient ventilation, wear suitable respiratory equipment.

### Section 9. Physical and chemical properties

<b>Appearance :</b>	Colourless liquid
<b>Odour :</b>	Characteristic
<b>Odour threshold :</b>	Not available
<b>pH :</b>	7,0 ± 0,5
<b>Melting point/Freezing point :</b>	Not available
<b>Initial boiling point : :</b>	Not available
<b>Flash point :</b>	>93°C (>199,4°F)
<b>Evaporation rate :</b>	Not available
<b>Flammability (solids and gases) :</b>	Not applicable
<b>Lower and upper flammability/explosive limit :</b>	Not available
<b>Vapour pressure :</b>	Not available
<b>Vapour density :</b>	Not available
<b>Relative density :</b>	0,99 ± 0,01g/mL
<b>Solubility :</b>	Easily soluble in the following materials : cold and hot water
<b>Partition coefficient n-octanol/water :</b>	Not available
<b>Auto-ignition temperature :</b>	Not available
<b>Decomposition temperature :</b>	Not available
<b>Viscosity :</b>	Not available

### Section 10. Stability and reactivity

<b>Reactivity :</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability :</b>	The product is stable.
<b>Possibility of hazardous reactions :</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid :</b>	Avoid temperatures exceeding the flash point and contact with incompatible materials.
<b>Incompatible materials :</b>	Reactive or incompatible with the following materials: strong oxidizing agents, anionic surfactants.
<b>Hazardous decomposition products :</b>	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

This product is subject to the Food and Drugs Act and is not subject to the requirements of WHMIS 2015.

#### Information on toxicological effects

##### Toxicological data :

Name of product or ingredient	Result	Species	Dosage	Exposure	Observation
Ethyl alcohol	LD50 Oral	Rat	7060 mg/kg	-	-
	LD50 Dermal	Rabbit	20000 mg/kg	-	-
	LC50 Inhalation	Rat	31623 ppm	4 hours	-
N-alkyl (C12-16)- n,n-dimethyl-n-benzylammonium chloride	LD50 Oral	Rat	344 mg/kg	-	-
	LD50 Dermal	Rabbit	>2000 mg/kg	-	-
	LC50 Inhalation	Rat	0,054 – 0,51 mg/L	4 hours	-

##### Sensitization :

This product is not expected to cause skin sensitization.

##### Mutagenicity :

No data available

##### Carcinogenicity :

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

##### Toxicity to reproduction :

This product is not expected to cause reproductive effects.

##### Teratogenicity :

This product is not expected to cause developmental effects.

##### Systemic toxicity for some target organs

##### – single exposure :

May cause damage to organs.

##### Target organ toxicity – repeated exposure :

No data available

### Section 12. Ecological information

##### Ecotoxicity :

Name	Results	Species	Exposure
Not available	Not available	Not available	Not available

##### Persistence and degradability :

Not available

##### Bioaccumulative potential :

Not available

##### Mobility in soil :

Not available

##### Other adverse effects :

Not available

### Section 13. Disposal considerations

##### Disposal methods :

Do not re-use empty container. Wrap and dispose of empty container with household garbage. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

### Section 14. Transport information

##### UN number :

Not applicable

##### UN proper shipping name :

Not applicable

##### Packing group :

Not applicable

##### Environmental hazards :

Not applicable

##### Special precautions :

Transport with local users : Always transport in containers that are correct and secure. Ensure that persons transporting the product know what to do in case of accident or spillage.

### Section 15. Regulatory information

This product is subject to the Food and Drugs Act.

DIN : 02085690

### Section 16. Other information

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<b><u>Prepared by :</u></b>	The research and development department of Produits Sanitaires Lépine inc.
<b><u>Legend of abbreviations :</u></b>	ATE = Acute toxicity estimate SDS = Safety Data Sheet UN = United Nations HPR = Hazardous Products Regulations GHS = Globally Harmonized System of Classification and Labelling of Chemicals TDG : Transportation of Dangerous Goods CAS : Chemical Abstract Services TWA : Time-Weighted Average STEL : Short-Term Exposure Limit IDLH : Immediately dangerous to life or health LC : Lethal Concentration LD : Lethal Dose EC : Effective Concentration

**Notice to reader :**

To the best of our knowledge, the information contained in this document is accurate. However, neither the above supplier nor any of its branches can assume any responsibility whatsoever with regard to the accuracy or completeness of the information contained in this document. It is the exclusive responsibility of the user to determine the approval of the materials. All materials may present unknown hazards and should be used with caution. Although certain hazards are described in this document, we can not guarantee that there are no other hazards.