

### Section 1. Identification

**Product identifier :** DÉSINFECT

**Other means of identification :** Codes : 2002430, 2002431, 2003023  
DIN : 02436752

**Recommended use and restrictions on use :** Ready to use disinfectant cleaner

**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 :** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

### Section 3. Composition/information on ingredients

**Substance/material :** Mixture

| Chemical name                                                                                                                    | Common name | % (w/w) | CAS number |
|----------------------------------------------------------------------------------------------------------------------------------|-------------|---------|------------|
| Tetrasodium ethylenediamine tetraacetate                                                                                         |             | 1 – 5   | 64-02-8    |
| N-alkyl (68% C <sub>12</sub> , 32% C <sub>14</sub> ) dimethylethyl benzyl ammonium chloride                                      |             | 0,15    | 85409-23-0 |
| N-alkyl (5% C <sub>12</sub> , 60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>18</sub> ) dimethyl benzyl ammonium chloride |             | 0,15    | 68391-01-5 |

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 :** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. IF IN EYES: Hold eyes open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

**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 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 -<br>ACGIH | Exposure limits -<br>OSHA | Immediately dangerous<br>to life or health - IDLH |
|-------------------------------|----------------------------|---------------------------|---------------------------------------------------|
| None                          | None                       | None                      | None                                              |

**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.

**Eye / face protection :**

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>                                   | Yellow liquid                                                  |
| <b>Odour :</b>                                        | Lemon                                                          |
| <b>Odour threshold :</b>                              | Not available                                                  |
| <b>pH :</b>                                           | 12,0 ± 0,4                                                     |
| <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>                             | 1,007 ± 0,004 g/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 acids, alkalies and oxidizing agents.                                                     |
| <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 |
|------------------------------------------|-------------|---------|-------------|----------|-------------|
| Tetrasodium ethylenediamine tetraacetate | LD50 Oral   | Rat     | 3030 mg/kg  | -        | -           |
|                                          | LD50 Dermal | Rabbit  | >5000 mg/kg | -        | -           |

|                                   |                                                                                 |
|-----------------------------------|---------------------------------------------------------------------------------|
| <b>Sensitization :</b>            | This product is not expected to cause skin sensitization.                       |
| <b>Mutagenicity :</b>             | No data available                                                               |
| <b>Carcinogenicity :</b>          | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. |
| <b>Toxicity to reproduction :</b> | This product is not expected to cause reproductive effects.                     |
| <b>Teratogenicity :</b>           | This product is not expected to cause developmental effects.                    |

|                                                                     |                             |
|---------------------------------------------------------------------|-----------------------------|
| <b>Systemic toxicity for some target organs – single exposure :</b> | May cause damage to organs. |
| <b>Target organ toxicity – repeated exposure :</b>                  | No data available           |

### Section 12. Ecological information

#### Ecotoxicity :

| Name          | Results       | Species       | Exposure      |
|---------------|---------------|---------------|---------------|
| Not available | Not available | Not available | Not available |

|                                        |               |
|----------------------------------------|---------------|
| <b>Persistence and degradability :</b> | Not available |
| <b>Bioaccumulative potential :</b>     | Not available |
| <b>Mobility in soil :</b>              | Not available |
| <b>Other adverse effects :</b>         | Not available |

### Section 13. Disposal considerations

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal methods :</b> | Do not contaminate water, food, or feed by storage and disposal. Store in a dry place no lower in temperature than 10° C or higher than 50° C. Rinse the emptied container thoroughly. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the Provincial Regulatory Agency or the Manufacturer. |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Section 14. Transport information

|                                  |                                                                                                                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UN number :</b>               | UN1903                                                                                                                                                                                        |
| <b>UN proper shipping name :</b> | DISINFECTANT, LIQUID, CORROSIVE, N.O.S.                                                                                                                                                       |
| <b>Environmental hazards :</b>   | 8                                                                                                                                                                                             |
| <b>Packing group :</b>           | III                                                                                                                                                                                           |
| <b>Special precautions :</b>     | <u>Transport with local users :</u> 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 : 02436752

### Section 16. Other information

|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Prepared on :</u></b>             | 2018-04-11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b><u>Edition :</u></b>                 | 01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <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<br>SDS = Safety Data Sheet<br>UN = United Nations<br>HPR = Hazardous Products Regulations<br>GHS = Globally Harmonized System of Classification and Labelling of Chemicals<br>TDG : Transportation of Dangerous Goods<br>CAS : Chemical Abstract Services<br>TWA : Time-Weighted Average<br>STEL : Short-Term Exposure Limit<br>IDLH : Immediately dangerous to life or health<br>LC : Lethal Concentration<br>LD : Lethal Dose<br>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.