1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code DR8200T06
Product name LUNGE
EPA Registration No. 8155-6-40208
Recommended Use Disinfectant / Deodorizer
Supplier Drummond, A Lawson Brand
Lawson Products, Inc.
1666 East Touhy Avenue
Des Plaines, IL 60018
1-866-529-7664

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Aggravated Medical Conditions
Pre-existing skin, eye, or respiratory conditions may be aggravated by exposure to this product.

Principal Routes of Exposure
Eyes. Skin.

Potential health effects

<table>
<thead>
<tr>
<th>Eyes</th>
<th>Will cause the following effects. Severe irritation. Chemical burns. Irreversible damage to eyes.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>May cause the following effects: ; Skin Irritation. Causes burns. Redness. Swelling. Blistering. Severity depends on degree of exposure.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>May cause irritation of respiratory tract.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the esophagus and the stomach. Severity depends on degree of exposure.</td>
</tr>
</tbody>
</table>

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrochloric Acid</td>
<td>7647-01-0</td>
<td>7-13</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>60-100</td>
</tr>
<tr>
<td>Amine Ethoxylate</td>
<td>61791-24-0</td>
<td>0.5-1.5</td>
</tr>
<tr>
<td>Nonylphenol Ethoxylate</td>
<td>9016-45-9</td>
<td>0.5-1.5</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye contact
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Seek medical attention immediately.

Skin contact
Remove contaminated clothing and footwear. Flush area with water for 15 minutes. Wash area thoroughly with soap and water. Seek medical attention.

Ingestion
Do not induce vomiting. Rinse mouth with water and spit out rinse. Drink 1 or 2 glasses of water. Call a physician or Poison Control Center immediately. Keep head below hips if vomiting occurs. Vomiting may cause aspiration pneumonia. Drink plenty of water. Seek medical attention immediately. Do not give anything by mouth to an unconscious person.

Inhalation
Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek medical attention.

Notes to physician
Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flash point °C None
Flash point °F None
Method No information available
Autoignition temperature °C Not Applicable
Autoignition temperature °F Not Applicable
Flammability Limits (% in Air)
| Upper | No data available |
| Lower | No data available |

Suitable extinguishing media
Water spray. Carbon dioxide (CO2). Dry chemical. Foam.

Special protective equipment for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Special Fire-Fighting Procedures
Water should be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat.

Sensitivity to shock
No information available.

Sensitivity to static discharge
No information available.

6. ACCIDENTAL RELEASE MEASURES
6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up
Eliminate all sources of ignition. Ventilate area to maintain exposure below permissible exposure limits. Personnel should wear appropriate protective equipment. Follow all precautions for handling. Please refer to appropriate sections of MSDS for additional information. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Handling
Avoid contact with skin and eyes. Avoid breathing vapors or mists. Use only according to label directions. Thoroughly wash hands and exposed skin after handling. Keep container closed when not in use.

Storage
Store in original container. Keep in a dry, cool and well-ventilated place. Follow all label directions. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation and Environmental Controls
Normal ventilation is adequate.

Hygiene measures
General industrial hygiene practice. Wash hands before breaks and immediately after handling the product.

Respiratory protection
Use NIOSH approved respirator if TLV limit is exceeded.

Hand Protection
Impervious gloves. Latex gloves. Neoprene gloves.

Eye protection
Use safety eyewear designed to protect against splash of liquids.

Skin and body protection
None necessary under normal conditions

Other Protective Equipment
A safety shower and eye wash station should be available for emergency use. Wear appropriate clothing to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form Liquid
Color Red

10. STABILITY AND REACTIVITY

Stability
Stable.

Conditions to avoid
Do not store above 130 degrees F. May coagulate if frozen at 32 degrees F, 0 degrees C.

Incompatibility
Strong bases. Chlorine bleach. Do not mix with other chemicals.

Hazardous Decomposition Products

Polymerization
Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 (oral, rat)</th>
<th>LD50 (dermal, rat/ rabbit)</th>
<th>LC50 (inhalation, rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 7732-18-5</td>
<td>90 mL/kg</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Hydrochloric Acid 7647-01-0</td>
<td>700 mg/kg</td>
<td>5010 mg/kg</td>
<td>3124 ppm</td>
</tr>
<tr>
<td>Amine Ethoxylate</td>
<td>1 g/kg</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Nonylphenol Ethoxylate</td>
<td>1310 mg/kg</td>
<td>2 mL/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

Synergistic Products
None known

Potential health effects

Sensitization None known

Chronic toxicity See Section 2.
Mutagenic effects
None known

Teratogenic effects
None known

Reproductive toxicity
None known

Target Organ Effects
See Section 2

Carcinogenic effects
See table below

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH OEL - Carcinogens</th>
<th>IARC</th>
<th>NTP - Known Carcinogens</th>
<th>NTP - Suspected Human Carcinogens</th>
<th>OSHA RTK Carcinogens</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Hydrochloric Acid</td>
<td>Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Amine Ethoxylate</td>
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<td>Not Listed</td>
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<td>Not Listed</td>
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</tbody>
</table>

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

Disposal Information
Carefully follow label instructions for disposal. Triple rinse and dispose of in a sanitary landfill or by other procedures approved by state or local authorities. Wrap container and place in trash collection.

Waste from residues / unused products
Dispose in accordance with federal, state, and local regulations. Please recycle empty container whenever possible.

14. TRANSPORTATION INFORMATION

DOT
UN789 Hydrochloric acid, Class 8, PG II
Exception: (Corrosive PG II not more than 1.0L or 1.0kg) Consumer Commodity ORM-D

TDG
Not Allowed

IMDG/IMO
UN789 HYDROCHLORIC ACID, Class 8, PG II

IATA
UN789 Hydrochloric acid, Class 8, PG II

MEX
Not Allowed

15. REGULATORY INFORMATION

Chemical Name | CERCLA/SARA 302 TPQ
Hydrochloric Acid | Listed | $500 lb, TPQ

Chemical Name | New Jersey - RTK | Pennsylvania - RTK | California Prop. 65
Water | Not Listed | Not Listed | Not Listed
Hydrochloric Acid | Listed | Listed | Not Listed
Amine Ethoxylate | Not Listed | Not Listed | Not Listed
Nonylphenol Ethoxylate | Not Listed | Not Listed | Not Listed

CPR
This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

16. OTHER INFORMATION

HMIS
Health - 2
Flammability - 0
Physical Hazard - 0

Prepared By
H. Buck, Regulatory Affairs Manager

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.