**1. PRODUCT AND COMPANY IDENTIFICATION**

Product name: LIQUID BLOCK WHITENER

MSDS #: MS0300615

Product Code: 04404

Recommended use: Cleaning product.

Manufacturer, importer, supplier:

Canadian Headquarters
JohnsonDiversey, Inc. - Canada, Inc.
2401 Bristol Circle
Oakville, Ontario L6H 6P1
Phone: 1-800-668-3131

US Headquarters
Diversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-1964
Phone: 1-888-352-2249

MSDS Internet Address: www.diversey.com

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

CAUTION. CAUSES EYE AND SKIN IRRITATION.

Principal routes of exposure:

Eye contact: Moderately irritating to the eyes.

Skin contact: Moderately irritating to the skin.

Inhalation: None known.

Ingestion: May cause irritation to mouth, throat and stomach.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>LD50 Oral - Rat (mg/kg)</th>
<th>LD50 Dermal - Rabbit</th>
<th>LC50 Inhalation - Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lauryl dimethyl amine oxide</td>
<td>1643-20-5</td>
<td>1 - 5%</td>
<td>2700</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Sodium hypochlorite</td>
<td>7681-52-9</td>
<td>1 - 5%</td>
<td>5000</td>
<td>&gt;10000 mg/kg</td>
<td>Not available</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>0.1 - 1.5%</td>
<td>500</td>
<td>1350 mg/kg</td>
<td>Not available</td>
</tr>
</tbody>
</table>

**4. FIRST AID MEASURES**

Eye contact: Flush immediately with plenty of water. If irritation persists, get medical attention.

Skin contact: Flush immediately with plenty of water. If irritation persists, get medical attention.

Inhalation: No specific first aid measures are required.

Ingestion: If swallowed, give a cupful of water or milk.

Aggravated Medical Conditions: Persons with pre-existing skin disorders may be more susceptible to irritating effects.

**5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media: The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

Specific hazards: Not applicable
Sodium hydroxide

Unusual hazards: None known
Specific methods: No special methods required

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.
Extinguishing media which must not be used for safety reasons: No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: No special measures required.
Environmental precautions and clean-up methods: Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Mix only with water. DO NOT MIX WITH ACIDS, TOILET BOWL CLEANERS, AMMONIA, OR ANY OTHER CHEMICAL. Can react to release chlorine gas. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage: Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure: No special ventilation requirements General room ventilation is adequate
Personal Protective Equipment

Eye protection: No special requirements under normal use conditions.
Hand protection: No special requirements under normal use conditions
Skin and body protection: No special requirements under normal use conditions.
Respiratory protection: No special requirements under normal use conditions.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>2 mg/m³ (Ceiling)</td>
<td>2 mg/m³ (TWA)</td>
<td>2 mg/m³ (Ceiling)</td>
</tr>
</tbody>
</table>

Physical State: Liquid
Appearance: Liquid
Specific gravity: 1.0413
Vapor density: No information available
Boiling point/range: Not determined
Decomposition temperature: Not determined
Solubility: Completely Soluble
Partition coefficient (n-octanol/water): No information available
Elemental Phosphorus: 0 % by wt.
pH: 12.65
Explosion limits: - lower: Not determined - lower: Not determined

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerization does not occur
Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: Acids. Ammonia. direct sunlight.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Oral LD50 estimated to be greater than 5000 mg/kg
12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:
Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of in compliance with all Federal, state, provincial, and local laws and regulations.
RCRA Hazard Class: D002

14. TRANSPORT INFORMATION


DOT Bill of Lading Description: CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

IMDG Bill of Lading Description: CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

15. REGULATORY INFORMATION

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL), Europe (EINECS/ELINCS/NLP), Australia (AICS), Korea (ECL), New Zealand (NZIoC), China (IECSC).

U.S. Regulations
California Proposition 65: This product is not subject to the reporting requirements under California’s Proposition 65

RIGHT TO KNOW (RTK)

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>MARTK:</th>
<th>NJRTK:</th>
<th>PARTK:</th>
<th>RIRTK:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lauryl dimethyl amine oxide</td>
<td>1643-20-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Fatty acids, coco, sodium salts</td>
<td>61789-31-9</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium hypochlorite</td>
<td>7681-52-9</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>-</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

CERCLA/ SARA

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>CERCLA/SARA RQ (lbs)</th>
<th>Section 302 TPQ (lbs)</th>
<th>Section 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hypochlorite</td>
<td>7681-52-9</td>
<td>1 - 5%</td>
<td>100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>0.1 - 1.5%</td>
<td>1000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immediate</td>
<td>X</td>
</tr>
<tr>
<td>Delayed</td>
<td>-</td>
</tr>
<tr>
<td>Fire</td>
<td>-</td>
</tr>
<tr>
<td>Reactivity</td>
<td>-</td>
</tr>
<tr>
<td>Sudden Release of Pressure</td>
<td>-</td>
</tr>
</tbody>
</table>

Canada

WHMIS hazard class: D2B Toxic materials
16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRA
Additional advice: None

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