

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name Liquid Hand Soap

Other means of identification

SDS# JC-005-018

Details of the supplier of the safety data sheet

Company Name Lundmark Wax Company
350 S La Londe Ave
Addison, IL 60101
(630) 628-1199

Emergency telephone number

Emergency Telephone INFOTRAC 1-800-535-5053

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| | |
|-------------------------|----------------|
| Acute toxicity - Oral | Not classified |
| Acute toxicity - Dermal | Not classified |

Label elements

Emergency Overview

Appearance Clear

Physical state Liquid

Odor Mild

Precautionary Statements - Response

Specific Treatment (See Section 4 on the SDS)
Immediately call a POISON CENTER or doctor/physician

Hazards not otherwise classified (HNOC)

Other Information

Unknown Acute Toxicity 38.17169% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

4. FIRST AID MEASURES

First aid measures

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| Skin Contact | Wash off immediately with plenty of water. Wash skin with soap and water. |
| Eye contact | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. |
| Inhalation | Remove to fresh air. |
| Ingestion | Clean mouth with water and drink afterwards plenty of water. |

Most important symptoms and effects, both acute and delayed

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| Symptoms | Any additional important symptoms and effects are described in Section 11: Toxicology Information. |
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Indication of any immediate medical attention and special treatment needed

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|---------------------------|------------------------|
| Note to physicians | Treat symptomatically. |
|---------------------------|------------------------|

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No Information available.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

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

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

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| Personal precautions | Ensure adequate ventilation, especially in confined areas. |
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Environmental precautions

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| Environmental precautions | See Section 12 for additional ecological information. |
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Methods and material for containment and cleaning up

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| Methods for containment | Prevent further leakage or spillage if safe to do so. |
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|--------------------------------|--|
| Methods for cleaning up | Pick up and transfer to properly labeled containers. |
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7. HANDLING AND STORAGE**Precautions for safe handling**

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| Advice on safe handling | Handle in accordance with good industrial hygiene and safety practice. |
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Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines Exposure guidelines noted for ingredient(s).

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|-------------------------------|------------------------------|--|--|
| Sodium Hydroxide 1310-73-2 | Ceiling: 2 mg/m ³ | TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³ | IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³ |

NIOSH IDLH *Immediately Dangerous to Life or Health*

Other Information Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Controls Showers, Eyewash stations & Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection No special technical protective measures are necessary. Accidental eye exposure will cause a mild but transient irritation. Prolonged or repeated contact may be drying to skin.

Skin and body protection No special technical protective measures are necessary. Prolonged or repeated contact may be drying to skin.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Liquid
Appearance Clear
Color Straw
Odor Mild
Odor threshold No Information available

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|-------------------------------|--------------------------|-------------------------|
| pH | 7.5 - 8.5 | |
| Specific Gravity | 1.00 | |
| Viscosity | Water Thin | |
| Melting point/freezing point | No Information available | |
| Flash point | None | |
| Boiling point / boiling range | 212 ° F (at 760 mm Hg) | |
| Evaporation rate | No Information available | |
| Flammability (solid, gas) | | |

| | |
|-----------------------------------|--------------------------|
| Flammability Limits in Air | |
| Upper flammability limit: | No Information available |
| Lower flammability limit: | No Information available |
| Vapor pressure | No Information available |
| Vapor density | No Information available |
| Water solubility | Complete |
| Partition coefficient | No Information available |
| Autoignition temperature | No Information available |
| Decomposition temperature | No Information available |

Other Information

| | |
|------------------------|----------------|
| Density Lbs/Gal | 8.34 |
| VOC Content (%) | Not Applicable |

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| 10. STABILITY AND REACTIVITY |
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Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

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| 11. TOXICOLOGICAL INFORMATION |
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Information on likely routes of exposure

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|----------------------------|--|
| Product Information | No acute toxicity information is available for this product |
| Inhalation | Not an expected route of exposure. Avoid breathing vapors or mists. |
| Eye contact | Avoid contact with eyes. May cause slight irritation. |
| Skin Contact | No known hazard in contact with skin. |
| Ingestion | Not an expected route of exposure. Do not taste or swallow. Ingestion may cause nausea, vomiting, or diarrhea. |

Information on toxicological effects

| | |
|-----------------|---------------------------|
| Symptoms | No Information available. |
|-----------------|---------------------------|

Delayed and immediate effects as well as chronic effects from short and long-term exposure

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|----------------------|---------------------------|
| Sensitization | No Information available. |
|----------------------|---------------------------|

| | |
|---------------------------------|---------------------------|
| Germ cell mutagenicity | No Information available. |
| Carcinogenicity | No Information available. |
| Reproductive toxicity | No Information available. |
| STOT - single exposure | No Information available. |
| STOT - repeated exposure | No Information available. |
| Aspiration hazard | No Information available. |

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 38.17169% of the mixture consists of ingredient(s) of unknown toxicity

12. ECOLOGICAL INFORMATION**Ecotoxicity**

38.17169% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|-------------------------------|---|--|--|
| Tetrasodium EDTA 64-02-8 | 1.01: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 | 41: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 59.8: 96 h <i>Pimephales promelas</i> mg/L LC50 static | 610: 24 h <i>Daphnia magna</i> mg/L EC50 |
| Sodium Hydroxide 1310-73-2 | - | 45.4: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static | - |

Persistence and degradability

No Information available.

Bioaccumulation

No Information available.

Other adverse effects

No Information available

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container.

14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

DOT Not regulated

15. REGULATORY INFORMATION**International Inventories**

| | |
|-----------------|----------|
| TSCA | Complies |
| DSL/NDSL | Complies |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

| | |
|-----------------------------------|----|
| Acute health hazard | No |
| Chronic Health Hazard | No |
| Fire hazard | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|--|------------|---------------|--------------|
| Sodium Hydroxide 1310-73-2 | X | X | - |
| Trisodium nitrilotriacetate 5064-31-3 | - | X | - |

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION

| | | | | |
|--------------------|------------------|----------------|--------------------|---|
| <u>NFPA</u> | Health hazards 0 | Flammability 0 | Instability 0 | Physical and Chemical Properties Yes |
| <u>HMIS</u> | Health hazards 0 | Flammability 0 | Physical hazards 0 | Personal protection X |

Issue Date 28-Apr-2015

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Revision Note

No Information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet