1. PRODUCT AND COMPANY IDENTIFICATION

**Product identifier**

**Product Name**

United 148 NUTKRACKER

**Other means of identification**

**SDS#**

UNITED – 148

**Recommended use of the chemical and restrictions on use**

**Recommended use**

Penetrating Oil.

**Uses Advised Against**

For industrial and institutional use only.

**Details of the supplier of the safety data sheet**

**Company Name**

United Laboratories, Inc.

320 37th Avenue

St. Charles, IL 60174

www.unitedlabsinc.com

**Emergency telephone number**

**Company Phone Number**

800-323-2594 (to reorder)

**Emergency Telephone**

INFOTRAC 1-800-535-5053 (North America)

1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**

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

<table>
<thead>
<tr>
<th>Aspiration toxicity</th>
<th>Category 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable Aerosols</td>
<td>Category 1</td>
</tr>
<tr>
<td>Liquefied Gas</td>
<td></td>
</tr>
</tbody>
</table>

**Label elements**

**Emergency Overview**

**Danger**

Extremely flammable aerosol. Contains gas under pressure: May explode if heated. May be fatal if swallowed and enter airways.

This product contains the following percentage of chemicals of unknown toxicity: 0%.
Precautionary Statements

Prevention
Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not spray on an open flame or other ignition source. Pressurized container. Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Response
Wash hands thoroughly after handling. If swallowed: Immediately call a poison center or doctor/physician. Do NOT induce vomiting.

Storage
Protect from sunlight. Do not expose to temperatures exceeding 122 °F (50 °C). Store in well-ventilated place.

Disposal
Dispose of contents/container in accordance with local/state/national regulations.

Hazards not otherwise classified (HNOC)
Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (Petroleum), Hydrotreated Light</td>
<td>64742-47-8</td>
<td>30-50</td>
<td>*</td>
</tr>
<tr>
<td>Mineral Oil</td>
<td>8042-47-5</td>
<td>15-30</td>
<td>*</td>
</tr>
<tr>
<td>Propane / n-Butane</td>
<td>68476-86-8</td>
<td>10-30</td>
<td>*</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

Skin Contact
Immediately wash off with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek immediate medical attention.

Eye contact
Immediately flush with water for 15-20 minutes while holding eyelids open. Seek medical attention if irritation persists.

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

Ingestion
If swallowed: Immediately call a poison center or physician. Do not induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms
Eye: stinging, tearing, redness. Oral: Aspiration risk. Skin: Prolonged or repeated contact may dry skin.
Indication of any immediate medical attention and special treatment needed

Note to physicians If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

5. FIRE-FIGHTING MEASURES

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

Unsuitable extinguishing media Do not use of water jet/stream.

Specific hazards arising from the chemical
Contents under pressure. Exposure to temperatures above 120°F may cause bursting. Flammable.

Protective equipment and precautions for firefighters
Wear NIOSH approved self-contained breathing apparatus with a full-face piece operated in a positive pressure demand mode with fully body protective clothing when fighting fires.

Hazardous Combustion Products
Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection, see Section 8 of the SDS.

Methods and material for containment and cleaning up

Methods for containment and cleaning up Spill: Absorb spill with non-combustible material such as vermiculite, sand or earth.

Waste Disposal Dispose of in accordance with federal, state and local regulations. Do not reuse, puncture, or incinerate container. Wrap container and place in trash collection.

RCRA Status Product should be fully characterized prior to disposal (40CFR261).

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Pressurized container: Do not pierce or burn, even after use.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store locked up. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F.

Keep out of reach of children.

Incompatible materials Strong alkalis, oxidizers, bases, reactive metals, and natural rubber. Strong reducing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines Exposure guidelines noted for ingredient(s).
### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Gas</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Form</td>
<td>Aerosol</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Amber to brown spray</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Petroleum solvent odor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Slow</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Extremely Flammable Aerosol</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit:</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit:</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>0.80 – 0.85 @77°F (25°C)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>0% in water</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VOC</td>
<td>14.5%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

**Reactivity**

None known.
Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal conditions.

Conditions to avoid
Temperatures greater than 122°F and sources of ignition.

Incompatible materials
Strong alkalis, oxidizers, bases, reactive metals, and natural rubber. Strong reducing agents.

Hazardous Decomposition Products
Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation
May cause irritation to the respiratory tract, dizziness, headaches, drowsiness, unconsciousness.

Eye contact
May cause irritation, redness.

Skin Contact
May cause irritation, localized defatting, dermatitis, with prolonged or repeated contact.

Ingestion
May cause gastrointestinal irritation, nausea, diarrhea, vomiting, and abdominal cramps.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isoparaffinic hydrocarbon</td>
<td>&gt;5000 mg/kg (Rat)</td>
<td>&gt;2000 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>64724-47-8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propane/n-Butane</td>
<td>-</td>
<td>-</td>
<td>685 mg/m³ (Rat)</td>
</tr>
<tr>
<td>68476-86-8</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Information on toxicological effects

Symptoms
May aggravate pre-existing medical conditions.

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

Skin corrosion/irritation
Prolonged or repeated contact may cause irritation, localized defatting, dermatitis.

Serious eye damage/irritation
May cause irritation, redness.

Respiratory sensitization
May cause irritation to the respiratory tract, dizziness, headaches, drowsiness.

Germ cell mutagenicity
No Information available.

Carcinogenicity
OSHA/ACGIH/NTP/IARC: No

Reproductive toxicity
Not expected to cause reproductive or developmental effects.

Chronic effects
None known

Acute effects
Eye: Stinging, tearing, redness. Skin: Prolonged or repeated contact may dry skin. Oral: Aspiration risk.

Aspiration hazard
Yes.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Not established.
**Persistence and degradability**  
Component or components of this product are not biodegradable.

**Bioaccumulation**  
This product is not expected to bioaccumulate.

**Mobility in soil**  
This product is mobile in soil.

**Other adverse effects**  
None known.

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**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes**  
Dispose of contents/container in accordance with local/federal/state regulations.

**RCRA Status**  
Product should be fully characterized prior to disposal (40CFR21).

---

**14. TRANSPORT INFORMATION**

**DOT**

<table>
<thead>
<tr>
<th>UN Number</th>
<th>Aerosols, Limited Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Class/Division</td>
<td>2.1</td>
</tr>
<tr>
<td>Packing Group</td>
<td>No information available</td>
</tr>
</tbody>
</table>

**IATA**

<table>
<thead>
<tr>
<th>UN Number</th>
<th>Aerosols, flammable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Class/Division</td>
<td>2.1</td>
</tr>
<tr>
<td>Packing Group</td>
<td>No information available</td>
</tr>
</tbody>
</table>

**IMDG**

<table>
<thead>
<tr>
<th>UN Number</th>
<th>Aerosols, Limited Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Class/Division</td>
<td>2.1</td>
</tr>
<tr>
<td>Packing Group</td>
<td>No information available</td>
</tr>
</tbody>
</table>

**Environmental Hazards**  
Marine pollutant: No information available

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**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA**  
Listed.

**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 302 Extremely hazardous substance**  
No information available.

**SARA 313**  
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemical or 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: Yes
- Sudden release of pressure hazard: No
- Reactive Hazard: No

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. Not listed.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals. This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>1</th>
<th>Flammability</th>
<th>4</th>
<th>Instability</th>
<th>0</th>
<th>Physical and Chemical Properties</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS</td>
<td>Health hazards</td>
<td>1</td>
<td>Flammability</td>
<td>4</td>
<td>Physical hazards</td>
<td>0</td>
<td>Personal protection</td>
<td>A</td>
</tr>
</tbody>
</table>

Issue Date: 27-Jul-2017
Revision Date: 28-Aug-2019
Revision Note: Revised

Disclaimer

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