



# SAFETY DATA SHEET

Issue Date 11-Apr-2015

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Version 1

## 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  
www.unitedlabsinc.ca

### 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)

|                     |             |
|---------------------|-------------|
| Carcinogenicity     | Category 1B |
| Aspiration toxicity | Category 1  |
| Flammable Aerosols  | Category 1  |

### Label elements

#### Emergency Overview

## Danger

Extremely flammable aerosol.  
May be fatal if swallowed and enters airways.  
May cause cancer.

**Appearance** Amber to dark brown**Physical state** Aerosol**Odor** Solvent**Precautionary Statements****Prevention**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required (gloves, goggles with face protection, clothing). Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Pressurized container: Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source.

**Response**

If swallowed, immediately call a poison control or doctor/physician. If exposed and concerned, please see medical advice / attention. Do NOT induce vomiting.

**Storage**

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

**Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazards not otherwise classified (HNOC)****Other Information**

None Known

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name  | CAS No.    | Weight-% | Trade Secret |
|--|------------|----------|--------------|
| Distillates (Petroleum), Hydrotreated Light              | 64742-47-8 | 40-60    | *            |
| Distillates (Petroleum) Solvent-dewaxed Heavy Paraffinic | 64742-65-0 | 10-20    | *            |
| Diethylene Glycol Monobutyl Ether                        | 112-34-5   | 2.5-10   | *            |
| Propane  | 74-98-6    | 2.5-10   | *            |
| Mineral Oil  | 64742-54-7 | 1-2.5    | *            |
| Other components below reportable levels                 |            | 10-20    |              |

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

### 4. FIRST AID MEASURES

**First aid measures****General advice**

Take off all contaminated clothing immediately. Wash contaminated clothing before reuse. Immediate medical attention is required if exposed or concerned. In case of accident or unwellness, seek medical advice immediately and make sure they are aware of the material(s) involved, and take precautions to protect themselves.

**Skin Contact**

Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.

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|                    |   |
|--------------------|---|
| <b>Eye contact</b> | Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.  |
| <b>Inhalation</b>  | If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.  |
| <b>Ingestion</b>   | Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into lungs. |

**Most important symptoms and effects, both acute and delayed**

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | Aspiration may cause pulmonary edema and pneumonitis. Direct contact with eyes may cause temporary irritation. Any additional important symptoms and effects are described in Section 11: Toxicology Information. |
|-----------------|---|

**Indication of any immediate medical attention and special treatment needed**

|                           |  |
|---------------------------|--|
| <b>Note to physicians</b> | Treat symptomatically. Keep individual under observation, symptoms may be delayed. |
|---------------------------|--|

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

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

**Specific hazards arising from the chemical**

Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

In the event of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Firefighters must use standard protective equipment, including flame retardant coat, helmet with face shield, gloves rubber boots, and enclosed spaces, SCBA.

**General fire hazards**

Extremely flammable aerosol.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

|                             |   |
|-----------------------------|---|
| <b>Personal precautions</b> | Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Use personal protective equipment as required. Local authorities should be advised if significant spillages cannot be contained. |
|-----------------------------|---|

**Environmental precautions**

|                                  |   |
|----------------------------------|---|
| <b>Environmental precautions</b> | Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. |
|----------------------------------|---|

**Methods and material for containment and cleaning up**

|                                |  |
|--------------------------------|--|
| <b>Methods for containment</b> | Prevent further leakage or spillage if safe to do so. Eliminate all ignition sources (e.g., flares sparks). Keep combustibles (paper, wood, etc.,) away from spilled material. Stop leak if you can do so without risk. Remove container to safe and open area if the leak is irreparable. Isolate area until gas has dispersed. |
| <b>Methods for cleaning up</b> | Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Soak up with inert absorbent material (e.g., cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see Section 13.   |

## 7. HANDLING AND STORAGE

### Precautions for safe handling

|                                |   |
|--------------------------------|---|
| <b>Advice on safe handling</b> | Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Do not smoke while using or until sprayed surface is thoroughly dry. Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can. |
|--------------------------------|---|

### Conditions for safe storage, including any incompatibilities

|                               |   |
|-------------------------------|---|
| <b>Storage Conditions</b>     | Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Protect from sunlight and do not expose to temperatures exceeding 122 °F (50 °C). Pressurized container. This material can accumulate static charge which may cause spark and become an ignition source. Refrigeration recommended. Level 3 Aerosol. |
| <b>Incompatible materials</b> | See Section 10 for further information.   |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### **Exposure Guidelines**

Exposure guidelines noted for ingredient(s).

| Chemical Name                                    | ACGIH TLV     | OSHA PEL   | NIOSH IDLH   |
|--|---------------|--|--|
| Diethylene Glycol<br>Monobutyl Ether<br>112-34-5 | TWA: 10 ppm   | -  | -  |
| Propane<br>74-98-6                               | TWA: 1000 ppm | TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup> | IDLH: 2100 ppm<br>TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup> |

*NIOSH IDLH Immediately Dangerous to Life or Health*

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

### Appropriate engineering controls

|                             |  |
|-----------------------------|--|
| <b>Engineering Controls</b> | Explosion-proof general and local exhaust ventilation. Good ventilation should be used. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. |
|-----------------------------|--|

### Individual protection measures, such as personal protective equipment

|                                 |  |
|---------------------------------|--|
| <b>Eye/face protection</b>      | Wear safety glasses with side shields (or goggles).  |
| <b>Skin and body protection</b> | Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. |

**Respiratory protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

**General Hygiene**

Handle in accordance with good industrial hygiene and safety practice, such as washing after handling the material. Wash work clothing and protective equipment to remove contaminants, routinely. When using do not smoke.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

|                       |                          |
|-----------------------|--------------------------|
| <b>Physical state</b> | Aerosol                  |
| <b>Appearance</b>     | Liquid                   |
| <b>Color</b>          | Amber to dark brown      |
| <b>Odor</b>           | Solvent                  |
| <b>Odor threshold</b> | No Information available |

| <b><u>Property</u></b>        | <b><u>Values</u></b>           | <b><u>Remarks • Method</u></b> |
|-------------------------------|--------------------------------|--------------------------------|
| pH                            | Not an Aqueous Solution        |                                |
| Specific Gravity              | .841 estimated                 |                                |
| Viscosity                     | Water Thin                     |                                |
| Melting point/freezing point  | No Information available       |                                |
| Flash point                   | -104.4 °C -156 °F              |                                |
| Boiling point / boiling range | 182.7 ° F (83.71 °F) estimated |                                |
| Evaporation rate              | No Information available       |                                |
| Flammability (solid, gas)     |                                |                                |
| Flammability Limits in Air    |                                |                                |
| Upper flammability limit:     | 9.5 %                          |                                |
| Lower flammability limit:     | 0.9%                           |                                |
| Vapor pressure                | No Information available       |                                |
| Vapor density                 | No Information available       |                                |
| Water solubility              | No Information available       |                                |
| Partition coefficient         | No Information available       |                                |
| Autoignition temperature      | 490 °F (255 °C) estimated      |                                |
| Decomposition temperature     | No Information available       |                                |

**Other Information**

|                 |      |
|-----------------|------|
| Density Lbs/Gal | 6.57 |
| VOC Content (%) | 20   |

## 10. STABILITY AND REACTIVITY

**Reactivity**

The product is non-reactive and stable under normal conditions of use.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal conditions. Hazardous polymerization does not occur.

**Conditions to avoid**

Heat, flames and sparks. Contact with incompatible materials. Avoid temperatures exceeding the flash point.



No Information available.

**Persistence and degradability**

No Information available.

**Bioaccumulation**

No Information available.

|   |      |
|---|------|
| Partition coefficient n-octanol / water (log Kow) |      |
| Diethylene Glycol Monobutyl Ether                 | 0.56 |
| Propane   | 2.36 |

**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. Do not puncture, crush or incinerate.

**Contaminated packaging** When emptied, containers should be taken to an approved waste handling site for disposal and recycling. Do not re-use empty containers.

**14. TRANSPORT INFORMATION**

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity – ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be use now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

**DOT**

|                             |                     |
|-----------------------------|---------------------|
| <b>UN Number</b>            | UN1950              |
| <b>Proper shipping name</b> | Aerosols, flammable |
| <b>Hazard Class</b>         | 2.1                 |

**IATA** Please contact manufacturer for most current information.

**IMDG**

|   |          |
|---|----------|
| <b>UN Number</b>                                  | UN1950   |
| <b>Proper shipping name</b>                       | AEROSOLS |
| <b>Transport Hazard class(es)<br/>Class</b>       | 2.1      |
| <b>Environmental Hazards<br/>Marine pollutant</b> | No.      |

**15. REGULATORY INFORMATION**

**International Inventories**

|                 |          |
|-----------------|----------|
| <b>TSCA</b>     | Complies |
| <b>DSL/NDSL</b> | 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 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               | Yes |
| Chronic Health Hazard             | Yes |
| Fire hazard                       | Yes |
| 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 |
|--------------------|------------|---------------|--------------|
| Propane<br>74-98-6 | X          | X             | X            |

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not Applicable

**16. OTHER INFORMATION**

|                    |                   |                |                    |   |
|--------------------|-------------------|----------------|--------------------|---|
| <b><u>NFPA</u></b> | Health hazards 1  | Flammability 4 | Instability 0      | <b>Physical and Chemical Properties</b> Yes |
| <b><u>HMIS</u></b> | Health hazards 1* | Flammability 4 | Physical hazards 0 | <b>Personal protection</b> X                |

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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**