

Issue Date: 2-Oct-2014

Revision Date: 2-Oct-2014

Version 1

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** Coil Clean

**Other means of identification**

**SDS #** 3226

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

**Recommended Use** Cleaning Compound

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

**Supplier Address**

Lundmark Wax Company  
350 S La Londe Ave  
Addison, IL 60101

**Emergency Telephone Number**

**Company Phone Number** (630) 628-1199  
**Emergency Telephone (24 hr)** 800-535-5053 Infotrac

## 2. HAZARDS IDENTIFICATION

**Physical State** Liquid

**Classification**

|                                   |             |
|-----------------------------------|-------------|
| Skin corrosion/irritation         | Category 1C |
| Serious eye damage/eye irritation | Category 1  |
| Aquatic Toxicity, Acute           | Category 3  |
| Aquatic Toxicity, Chronic         | Category 3  |

**Hazards Not Otherwise Classified (HNOC)**

None

**Signal Word**

**Danger**

**Hazard Statements**

Causes skin irritation  
Causes serious eye Damage  
Harmful to aquatic life with long lasting effects



**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Do not breathe dust/fume/gas/mist/vapors/spray  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Avoid release to the environment

**Precautionary Statements - Response**

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 Wash contaminated clothing before reuse.  
 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a Poison Center or doctor/physician.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Precautionary Statements – Storage:**

Store Locked Up

**Other Hazards:**

None Known

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name         | CAS No      | Weight-% |
|-----------------------|-------------|----------|
| Organic Salt          | 506-89-8    | 5-10     |
| 2-Butoxyethanol       | 111-76-2    | 1-5      |
| Surface Active Agents | Proprietary | 1-5      |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST-AID MEASURES

**First Aid Measures**

|                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.  |
| <b>Skin Contact</b> | Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. |
| <b>Inhalation</b>   | Remove to fresh air.  |
| <b>Ingestion</b>    | Clean mouth with water and drink afterwards plenty of water.  |

**Most important symptoms and effects**

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | Contact may cause irritation and redness. |
|-----------------|---|

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

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | 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** Not determined.

**Specific Hazards Arising from the Chemical**

Non-flammable solution.

**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**

**Personal Precautions** Use personal protective equipment as required.

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

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on Safe Handling** Use personal protection recommended in Section 8. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid breathing vapors or mists.

**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

**Exposure Guidelines** Exposure limits noted for ingredient(s)

| Chemical Name            | ACGIH TLV   | OSHA PEL    | NIOSH IDLH |
|--------------------------|-------------|-------------|------------|
| 2-Butoxyethanol 111-76-2 | TWA: 25 ppm | TWA: 50 ppm | -          |

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

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

**Eye/Face Protection** Avoid contact with eyes.

**Skin and Body Protection** Wear suitable protective clothing.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas.

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                       |                |                       |                |
|-----------------------|----------------|-----------------------|----------------|
| <b>Physical State</b> | Liquid         | <b>Odor</b>           | Not determined |
| <b>Appearance</b>     | Not determined | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Not determined |                       |                |

| <u>Property</u>              | <u>Values</u>  | <u>Remarks • Method</u> |
|------------------------------|----------------|-------------------------|
| pH                           | Not determined |                         |
| Melting Point/Freezing Point | Not determined |                         |
| Boiling Point/Boiling Range  | Not determined |                         |
| Flash Point                  | Not determined |                         |
| Evaporation Rate             | Not determined |                         |
| Flammability (Solid, Gas)    | n/a-liquid     |                         |
| Upper Flammability Limits    | Not determined |                         |
| Lower Flammability Limit     | Not determined |                         |
| Vapor Pressure               | Not determined |                         |
| Vapor Density                | Not determined |                         |
| Specific Gravity             | Not determined |                         |
| Water Solubility             | Not determined |                         |
| Solubility in other solvents | Not determined |                         |
| Partition Coefficient        | Not determined |                         |
| Auto-ignition Temperature    | Not determined |                         |
| Decomposition Temperature    | Not determined |                         |
| Kinematic Viscosity          | Not determined |                         |
| Dynamic Viscosity            | Not determined |                         |
| Explosive Properties         | Not determined |                         |
| Oxidizing Properties         | Not determined |                         |

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible Materials

None known based on information supplied.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Eye Contact**                      Avoid contact with eyes.

**Skin Contact**                      May cause an allergic skin reaction. Causes skin irritation. May be harmful in contact with

skin.

**Inhalation** Avoid breathing vapors or mists.**Ingestion** Do not taste or swallow.**Component Information**

| Chemical Name            | Oral LD50            | Dermal LD50                                 | Inhalation LC50                               |
|--------------------------|----------------------|---|---|
| Organic Salt 506-89-8    | = 1100 mg/kg ( Rat ) | -   | -   |
| 2-Butoxyethanol 111-76-2 | = 470 mg/kg ( Rat )  | = 2270 mg/kg ( Rat ) = 220 mg/kg ( Rabbit ) | = 2.21 mg/L ( Rat ) 4 h = 450 ppm ( Rat ) 4 h |

**Information on physical, chemical and toxicological effects****Symptoms** Please see section 4 of this SDS for symptoms.**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Carcinogenicity** Not classifiable as a human carcinogen.

| Chemical Name            | ACGIH | IARC    | NTP | OSHA |
|--------------------------|-------|---------|-----|------|
| 2-Butoxyethanol 111-76-2 | A3    | Group 3 |     |      |

**Legend***IARC (International Agency for Research on Cancer)**Group 3 IARC components are "not classifiable as human carcinogens"***Numerical measures of toxicity**

Calculated ATC (Oral) for this mixture is &gt;5600 mg/L

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

| Chemical Name            | Algae/aquatic plants | Fish  | Toxicity to microorganisms | Crustacea   |
|--------------------------|----------------------|---|----------------------------|---|
| Organic Salt 506-89-8    | -                    | -   | -                          | 70-100: 72 h Daphnia magna mg/L EC50  |
| 2-Butoxyethanol 111-76-2 |                      | 1490: 96 h Lepomis macrochirus mg/L LC50<br>static 2950: 96 h Lepomis macrochirus mg/L LC50 |                            | 1698 - 1940: 24 h Daphnia magna mg/L EC50<br>1000: 48 h Daphnia magna mg/L EC50 |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

| Chemical Name            | Partition Coefficient |
|--------------------------|-----------------------|
| 2-Butoxyethanol 111-76-2 | 0.81                  |

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

|                               |   |
|-------------------------------|---|
| <b>Disposal of Wastes</b>     | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| <b>Contaminated Packaging</b> | Disposal should be in accordance with applicable regional, national and local laws and regulations. |

#### 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

#### 15. REGULATORY INFORMATION

##### International Inventories

Not determined

##### US Federal Regulations

##### SARA 313

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).

| Chemical Name   | CAS No   | Weight-% | SARA 313 - Threshold Values % |
|-----------------|----------|----------|-------------------------------|
| 2-Butoxyethanol | 111-76-2 | 1-5      | 1.0                           |

##### US State Regulations

##### U.S. State Right-to-Know Regulations

| Chemical Name   | New Jersey | Massachusetts | Pennsylvania |
|-----------------|------------|---------------|--------------|
| 2-Butoxyethanol | X          | X             | X            |

#### 16. OTHER INFORMATION

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Revision Note: New format

##### 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**