Material Safety Data Sheet: THREAD-EZE ULTRA BRSH TOP

1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name**: THREAD-EZE ULTRA BRSH TOP  
**Product Code**: 5913  
**Recommended Use**: Lubricant  
**Chemical Nature**: Petroleum distillates mixture  
**Emergency Telephone Number**: CHEMTREC® 800-424-9300

**Issuing Date**: 07/22/2010  
**Supersedes Date**: 12/12/2007

CHEMSEARCH DIV. OF NCH CORP.  
BOX 152170  
IRVING, TX 75015

2. HAZARDS IDENTIFICATION

**Emergency Overview**

WARNING  
Causes eye irritation  
May cause skin irritation

**Color**: White  
**Physical State**: Grease  
**Odor**: Oily

**Potential Health Effects**

**Potential Environmental Effects**

See Section 12 for additional Ecological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc oxide</td>
<td>1314-13-2</td>
</tr>
<tr>
<td>Calcium Carbonate</td>
<td>1317-65-3</td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)</td>
<td>14808-60-7</td>
</tr>
<tr>
<td>White mineral oil, solvent refined</td>
<td>8042-47-5</td>
</tr>
<tr>
<td>Aluminum benzoate fatty acid complex</td>
<td>82980-54-9</td>
</tr>
</tbody>
</table>

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

4. FIRST AID MEASURES

**General Advice**

Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.

**Eye Contact**

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

**Skin Contact**

Wipe up with absorbent material (e.g. cloth, fleece). Wash off with soap and plenty of water. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.

**Inhalation**

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

**Ingestion**

Do NOT induce vomiting. Drink 1 or 2 glasses of water. Get medical attention if symptoms occur.

**Notes to Physician**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

**Flash Point**: Not flammable  
**Autoignition Temperature**: No information available.

**Suitable Extinguishing Media**


**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.

**NFPA Health**: 1  
**Flammability**: 1  
**Instability**: 0

**HMIS Health**: 1  
**Flammability**: 1  
**Instability**: 0

6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions**

Use personal protective equipment. Ensure adequate ventilation. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

**Environmental Precautions**

Do not flush into surface water or sanitary sewer system.

**Methods for Containment**

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

**Methods for Cleaning Up**

Pick up and transfer to properly labeled containers.

**Neutralizing Agent**

Not applicable.
### Handling
Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.

### Storage
Store in original container. Keep container tightly closed in a dry and well-ventilated place.

### Storage Temperature
<table>
<thead>
<tr>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°F/-18°C</td>
<td>120°F/49°C</td>
</tr>
</tbody>
</table>

### Storage Conditions
<table>
<thead>
<tr>
<th>Indoor</th>
<th>Outdoor</th>
<th>Heated</th>
<th>Refrigerated</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Exposure Guidelines

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc oxide</td>
<td>10 mg/m³ STEL (respirable fraction) : 2 mg/m³ TWA (respirable fraction)</td>
<td>5 mg/m³ TWA (fume); 15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction)</td>
<td>500 mg/m³ IDLH : 5 mg/m³ TWA (dust and fume) : 15 mg/m³ Ceiling (dust) 10 mg/m³ STEL (fume)</td>
</tr>
<tr>
<td>Calcium Carbonate</td>
<td>No data available</td>
<td>15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction)</td>
<td>10 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable dust)</td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)</td>
<td>0.025 mg/m³ TWA (respirable fraction)</td>
<td>No data available</td>
<td>50 mg/m³ IDLH (respirable dust) : 0.05 mg/m³ TWA (respirable dust)</td>
</tr>
<tr>
<td>White mineral oil, solvent refined</td>
<td>5 mg/m³</td>
<td>5 mg/m³</td>
<td>IDLH 2500 mg/m³</td>
</tr>
<tr>
<td>Aluminum benzoate fatty acid complex</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

### Engineering Measures
Ensure adequate ventilation, especially in confined areas.

### Personal Protective Equipment

- **Eye/Face Protection**: Safety glasses with side-shields.
- **Skin Protection**: For prolonged or repeated contact, use protective gloves.
- **Respiratory Protection**: In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

### General Hygiene Considerations
Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

### 9. Physical and Chemical Properties

- **Physical State**: Grease
- **Color**: White
- **Appearance**: Opaque
- **Viscosity**: Semi-Solid
- **Odor**: Oily
- **pH**: Not applicable
- **Evaporation Rate**: 0 (Butyl acetate=1)
- **VOC Content (%)**: 0
- **Vapor Pressure**: <0.01 mmHg @ 70 °F
- **Solubility**: Negligible
- **Boiling Point/Range**: No data available

### 10. Stability and Reactivity

- **Chemical Stability**: Stable. Hazardous polymerization does not occur.
- **Conditions to Avoid**: None known
- **Incompatible Products**: Strong oxidizing agents, Strong acids.
- **Hazardous Decomposition Products**: Carbon oxides, Zinc oxide fumes, Fumes of aluminum.
- **Possibility of Hazardous Reactions**: None under normal processing.

### 11. Toxicological Information

- **Product Information**: No information available.

### Component Information

#### Acute Toxicity

<table>
<thead>
<tr>
<th>Component</th>
<th>LD50 Oral (mg/kg</th>
<th>Rat)</th>
<th>LD50 Dermal (mg/kg)</th>
<th>LC50 Inhalation (mg/m³)</th>
<th>Draize Test (mg/kg</th>
<th>Rat)</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc oxide</td>
<td>5000</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Calcium Carbonate</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)</td>
<td>500</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
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</tr>
<tr>
<td>White mineral oil, solvent refined</td>
<td>5000</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Aluminum benzoate fatty acid complex</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
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</tbody>
</table>

#### Chronic Toxicity

<table>
<thead>
<tr>
<th>Component</th>
<th>Mutagenicity (IARC)</th>
<th>Sensitization</th>
<th>Developmental Toxicity</th>
<th>Reproductive Toxicity</th>
<th>Target Organ Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc oxide</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>respiratory system, CNS</td>
</tr>
<tr>
<td>Calcium Carbonate</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>eyes, respiratory system, skin</td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>eyes, respiratory system, liver, kidneys, spleen, bone marrow (in animals: lung)</td>
</tr>
<tr>
<td>White mineral oil, solvent refined</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>respiratory system</td>
</tr>
<tr>
<td>Aluminum benzoate fatty acid complex</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
</tr>
</tbody>
</table>

#### Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
<th>NTP</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc oxide</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
<tr>
<td>Calcium Carbonate</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
</tbody>
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Issuing Date 22-Jul-2010

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12. ECOLOGICAL INFORMATION

Product Information

No information available.

Component Information

<table>
<thead>
<tr>
<th>Component</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Microtox</th>
<th>Water Flea</th>
<th>log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc oxide</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>N/A</td>
</tr>
<tr>
<td>Calcium Carbonate</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>N/A</td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>N/A</td>
</tr>
<tr>
<td>White mineral oil, solvent refined</td>
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<td>LC50 &gt; 10000 mg/L</td>
<td>no data available</td>
<td>no data available</td>
<td>&gt;6</td>
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<tr>
<td>Aluminum benzoate fatty acid complex</td>
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<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal

Dispose of in accordance with local regulations.

Container Disposal

Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT

Not regulated

TDG

Not regulated

ICAO

Not regulated

IATA

Not regulated

IMDG/IMO

Not regulated

15. REGULATORY INFORMATION

Inventories

TSCA  Complies

DSL  Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>SARA 313 - Threshold Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc oxide</td>
<td>1314-13-2</td>
<td>7.13</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazardous Categorization

Acute Health Hazard  Yes

Chronic Health Hazard  Yes

Fire Hazard  No

Sudden Release of Pressure Hazard  No

Reactive Hazard  No

CERCLA

<table>
<thead>
<tr>
<th>Component</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA EHS RQs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc oxide</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Calcium Carbonate</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)</td>
<td>Not applicable</td>
<td>Not applicable</td>
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<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
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<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

D2A Very toxic materials, D2B Toxic materials.
CHEMSEARCH DIV. OF NCH CORP. assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.