Safety Data Sheet: ELITE SUPREME BLUE #1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: ELITE SUPREME BLUE #1
Recommended use: Lubricant
Information on Manufacturer:
MANTEK, DIVISION OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Product Code: J230
Chemical nature: mixture
Emergency Telephone Number:
CHEMTREC® 800-424-9300
Telephone inquiry: 972-579-2477

2. HAZARD IDENTIFICATION

Color: blue green
Physical State: Grease
Odor: Odorless

GHS Classification
Physical Hazards: None
Health Hazard:
Skin Corrosion/Irritation: Category 2
Serious Eye Damage/Eye Irritation: Category 2B
Other hazards: None

Labeling
Signal Word: WARNING

Hazard Statements
H315 - Causes skin irritation
H330 - Causes eye irritation

Precautionary Statements
P280 - Wear protective gloves, protective clothing and eye protection.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P302+ P352 - IF ON SKIN: Wash with plenty of soap and water
P332 + P313 - IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P362 - Take off contaminated clothing and wash before reuse
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists, get medical attention.

16 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, solvent-refined heavy paraffinic (&lt;3% DMSO extractable)</td>
<td>64741-88-4</td>
<td>60-100</td>
</tr>
<tr>
<td>Calcium carbonate</td>
<td>471-34-1</td>
<td>7-13</td>
</tr>
<tr>
<td>Phosphoric acid, calcium salt (2:3)</td>
<td>7758-87-4</td>
<td>5-10</td>
</tr>
<tr>
<td>Benzenesulfonic acid, C14-24-branched and linear alkyl, calcium salts</td>
<td>115733-09-0</td>
<td>3-7</td>
</tr>
<tr>
<td>Calcium-12-Hydroxystearate</td>
<td>3159-62-4</td>
<td>1-5</td>
</tr>
<tr>
<td>Calcium sulfate</td>
<td>7778-18-9</td>
<td>1-5</td>
</tr>
<tr>
<td>Calcium dodecylbenzene sulfonate</td>
<td>26264-06-2</td>
<td>1-5</td>
</tr>
<tr>
<td>Polyaalphaolefin</td>
<td>68037-01-4</td>
<td>1-5</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES
**General advice**
Avoid contact with skin, eyes and clothing. Avoid breathing mist.

**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 symptoms occur. Wash contaminated clothing before re-use.

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

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

**Notes to physician**
Treat symptomatically.

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### 5. FIRE-FIGHTING MEASURES

**Flash Point**
> 201 °F / > 94 °C

**Flammability Limits in Air**
No information available.

**Suitable Extinguishing Media**
Water spray. Carbon dioxide (CO2). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Specific hazards arising from the chemical**
Material can create slippery conditions.

**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 2
Flammability 1
Instability 0

**HMIS**
Health 2
Flammability 1
Instability 0

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### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions**
Use personal protective equipment. Prevent further leakage or spillage if safe to do so.

**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.

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### 7. HANDLING AND STORAGE

**Handling**
Avoid contact with skin, eyes and clothing. Avoid breathing mist.

**Storage**
Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.

**Storage Temperature**
Minimum 0 °F / -18 °C
Maximum 120 °F / 49 °C

**Storage Conditions**
Indoor X
Outdoor X
Heated
Refrigerated

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines**

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, solvent-refined heavy paraffinic (&lt;3% DMSO extractable)</td>
<td>TWA: 5 mg/m³ STEL: 10 mg/m³</td>
<td>TWA: 5 mg/m³</td>
<td>No data available</td>
</tr>
<tr>
<td>Calcium carbonate</td>
<td>No data available</td>
<td>TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction</td>
<td>TWA: 10 mg/m³ total dust TWA: 5 mg/m³ respirable dust</td>
</tr>
<tr>
<td>Calcium sulfate</td>
<td>TWA: 10 mg/m³ inhalable fraction</td>
<td>TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction</td>
<td>TWA: 10 mg/m³ total dust TWA: 5 mg/m³ respirable dust</td>
</tr>
</tbody>
</table>

**Engineering Measures**
Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

**Personal Protective Equipment**

**Eye/Face Protection**
Tightly fitting safety goggles.

**Skin Protection**
Wear suitable protective clothing. Impervious gloves.

**Respiratory Protection**
In case of inadequate ventilation wear respiratory protection. 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.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Viscosity</th>
<th>Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grease</td>
<td>Viscous</td>
<td></td>
</tr>
<tr>
<td>blue green</td>
<td>Odorless</td>
<td></td>
</tr>
</tbody>
</table>
Odor Threshold: Not applicable

Appearance: Opaque

pH: Not applicable

Evaporation Rate: 0 (BuAc = 1)

VOC Content (%): 0

Vapor Pressure: 0 mmHg @ °F

Solubility: Negligible

Melting Point/Range: No data available

Boiling Point/Range: 610 °F / 321 °C

Flash Point: > 201 °F / > 94 °C

Autoignition Temperature: No data available

Flammability Limits in Air %: No information available.

Upper: No data available

Lower: 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, Acids.

Hazardous Decomposition Products: Carbon oxides, Nitrogen oxides (NOx), Sulfur oxides, Oxides of phosphorus.

Possibility of Hazardous Reactions: None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information: No information available.

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

Oral LD50: No information available

Dermal LD50: No information available

Inhalation LC50: Gas: No information available, Mist: No information available, Vapor: No information available

Principle Route of Exposure: Skin contact, Eye contact, Inhalation.

Primary Routes of Entry: None known

Acute Effects:

Eyes: Causes eye irritation.

Skin: Causes skin irritation.

Inhalation: Low hazard for usual industrial or commercial handling.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Toxicity: Prolonged skin contact may defat the skin and produce dermatitis.

Target Organ Effects: Respiratory system, Eyes, Skin.

Aggravated Medical Conditions: Skin disorders, Respiratory disorders.

Component Information: No information available

Acute Toxicity

<table>
<thead>
<tr>
<th>Component</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
<th>Draize Test</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, solvent- refined heavy paraffinic (&lt;3% DMSO extractable)</td>
<td>&gt; 5000 mg/kg ( Rat )</td>
<td>&gt; 2000 mg/kg ( Rabbit )</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Calcium carbonate</td>
<td>≤ 6450 mg/kg ( Rat )</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 sulfate</td>
<td>&gt; 3000 mg/kg ( Rat )</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 dodecylbenzene sulfonate</td>
<td>1086 - 1980 mg/kg ( Rat )</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
</tr>
</tbody>
</table>

Component | Mutagenicity | Sensitization | Developmental Toxicity | Reproductive Toxicity | Target Organ Effects |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<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>Calcium sulfate</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>
</tbody>
</table>

Carcinogenicity: There are no known carcinogenic chemicals in this product.

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>Petroleum distillates, solvent- refined heavy paraffinic (&lt;3% DMSO extractable)</td>
<td>no data available</td>
<td>LC50 &gt; 5000 mg/L Oncorhynchus</td>
<td>no data available</td>
<td>1000: 48 h Daphnia</td>
<td>N/A</td>
</tr>
</tbody>
</table>
refined heavy paraffinic (<3% DMSO extractable)       mykiss 96 h       magna mg/L EC50
Calcium sulfate        no data available       LC50 = 2980 mg/L Lepomis macrochirus 96 h       no data available       no data available       N/A
Calcium dodecylbenzene sulfonate        no data available       LC50 = 10.8 mg/L Oncorhynchus mykiss 96 h       no data available       no data available       N/A

Persistence and Degradability
Bioaccumulation
Mobility

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 does not contain any chemicals which are subject to the reporting requirements of the Act and and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

<table>
<thead>
<tr>
<th>Acute Health Hazard</th>
<th>Chronic Health Hazard</th>
<th>Fire Hazard</th>
<th>Sudden Release of Pressure Hazard</th>
<th>Reactive Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

CERCLA

<table>
<thead>
<tr>
<th>Component</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA EHS RQs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium dodecylbenzene sulfonate</td>
<td>1000 lb</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

Prepared By
Adrienne McKee
Supercedes Date
Not applicable
Issuing Date
01/15/2015
Reason for Revision
No information available.
Glossary
No information available.
List of References.
No information available.

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