1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: LUBEMASTER SYSTEM PURGE(7GAL)
Recommended use: Lubricant assistant
Information on Manufacturer:
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Product Code: 256J
Chemical nature: Petroleum distillates
Emergency Telephone Number:
CHEMTREC® 800-424-9300
Telephone inquiry:
972-579-2477

2. HAZARD IDENTIFICATION

Color: Brown
Physical State: Liquid
Odor: Mild Petroleum-like

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

Labeling
Signal Word: WARNING

Hazard Statements
H320 - Causes eye irritation
Precautionary Statements
P264 - Wash face, hands and any exposed skin thoroughly after handling.
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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>White mineral oil, solvent refined</td>
<td>8042-47-5</td>
<td>60-100</td>
</tr>
<tr>
<td>Calcium sulfonate</td>
<td>61789-86-4</td>
<td>10-30</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 irritation develops and persists. 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.

5. FIRE-FIGHTING MEASURES

Flash Point: 400 °F / 204 °C
Method: Open cup
Flammability Limits in Air: % Not applicable.
Upper: No data available
Lower: No data available
Suitable Extinguishing Media:
Carbon dioxide (CO2). Dry chemical. Foam. Water spray. 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.
6. ACCIDENTAL RELEASE MEASURES

Personal Precautions
Use personal protective equipment. 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
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)
Neutralizing Agent
Not applicable.

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 Heated Refrigerated

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>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>Calcium sulfonate</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. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal Protective Equipment

Eye/Face Protection
Safety glasses with side-shields.

Skin Protection
For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

| Physical State | Viscosity | Color | Odor | pH | Appearance | Specific Gravity | Evaporation Rate | VOC Content (%) | Vapor Pressure | Solubility | Melting Point/Range | Boiling Point/Range | Flash Point | Autoignition Temperature | Flammability Limits in Air | Chemical Stability |
|----------------|-----------|-------|------|----|-----------|-----------------|-----------------|-----------------|----------------|--------------|----------------|-----------------------|----------------------|----------------|--------------------------|------------------------|-------------------|
| Liquid         | Slight Viscous | Brown | Mild Petroleum-like | Not applicable | Transparent | 0.88 | 0 (Butyl acetate=1) | 0 | 0.01 mmHg @ 70°F | Negligible | No data available | > 575 °F / 302 °C | 400 °F / 204 °C | No information available | Not applicable | Stable. Hazardous polymerization does not occur. |
|                |            |       |      |    |           |                 |                 |                 |                |              |                |                       |                      |                |                          |                        | No known |

10. STABILITY AND REACTIVITY

Chemical Stability
Stable. Hazardous polymerization does not occur.

Conditions to Avoid
None known.

Incompatible Products
Strong oxidizing agents

Hazardous Decomposition Products
Carbon oxides, Sulfur oxides, Aldehydes.

Possibility of Hazardous Reactions
None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information
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
Eye contact, Inhalation, Skin contact.

Primary Routes of Entry
None known

Acute Effects
- Eyes May cause eye irritation.
- Skin May cause skin irritation.
- Inhalation May cause irritation of respiratory tract. (Mist).
- Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Toxicity
- Prolonged or repeated inhalation may cause damage to the lungs. Prolonged skin contact may defat the skin and produce dermatitis.

Target Organ Effects
Respiratory system

Aggravated Medical Conditions
Skin disorders, Respiratory disorders.

Component Information

<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>
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</thead>
<tbody>
<tr>
<td>White mineral oil, solvent refined</td>
<td>&gt; 5000 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 sulfonate</td>
<td>&gt; 5000 mg/kg (Rat)</td>
<td>&gt; 4000 mg/kg (Rabbit)</td>
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<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</th>
<th>Sensitization</th>
<th>Developmental Toxicity</th>
<th>Reproductive Toxicity</th>
<th>Target Organ Effects</th>
</tr>
</thead>
<tbody>
<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>
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<tr>
<td>Calcium sulfonate</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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</table>

Carcinogenicity
There are no known carcinogenic chemicals in this product.

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
<th>Other</th>
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<tbody>
<tr>
<td>White mineral oil, solvent refined</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
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<tr>
<td>Calcium sulfonate</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
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</tbody>
</table>

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>White mineral oil, solvent refined</td>
<td>no data available</td>
<td>LC50 &gt; 10000 mg/L Lepomis macrochirus 96 h</td>
<td>no data available</td>
<td>no data available</td>
<td>&gt;6</td>
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<tr>
<td>Calcium sulfonate</td>
<td>no data available</td>
<td>LC50 5.7 - 9.7 mg/L Pimephales promelas 96 h</td>
<td>no data available</td>
<td>EC50 6.2 - 12 mg/L 48 h</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
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>
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</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
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</table>

CERCLA

<table>
<thead>
<tr>
<th>Component</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA EHS RQs</th>
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<tbody>
<tr>
<td>White mineral oil, solvent refined</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Calcium sulfonate</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

Prepared By: Sarah Williamson
Supercedes Date: 04/19/2011
Issuing Date: 10/16/2013
Reason for Revision: No information available.
Glossary: No information available.
List of References: No information available.

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