SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product Name: SL HD 15w40 CI4 SL BU
Product Code: SIDSL011 (SINCLAIR CODE: 521-001)

1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended use: Motor Oil
Recommended restrictions: Not applicable

1.3. Details of the supplier of the safety data sheet
Manufacturer: Warren Distribution, Inc.
727 S. 13th Street
Omaha, NE 68102
Information Phone: +01 (800) 825-1235 +01 (402) 341-9397
E-mail: sds@wd-wpp.com

1.4. Emergency telephone number
Emergency phone number: CHEMTREC: +1 (800) 424-9300
International: +01 (703) 527-3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Serious Eye Damage/Eye Irritation Category 2B

2.2. Label elements
Signal Word Warning
Hazard Statements H320 - Causes eye irritation
Precautionary Statements
Prevention P264 - Wash exposed areas thoroughly after handling.
Response 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 advice/attention.

2.3. Other hazards
Hazards not otherwise classified: Avoid prolonged or repeated contact with used motor oil. Used motor oil has been shown to cause skin cancer in laboratory animals.

Unknown acute toxicity (GHS-US)

SECTION 3: Composition/information on ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>%</th>
<th>CAS #</th>
<th>GHS Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, solvent-refined heavy paraffinic</td>
<td>1 - 5</td>
<td>64741-88-4</td>
<td></td>
</tr>
<tr>
<td>Phosphorodithioic acid, mixed O,O-bis(sec-Bu and isooctyl) esters, zinc salts</td>
<td>0.5 - 1.5</td>
<td>113706-15-3</td>
<td>Aquatic Chronic 2; H411</td>
</tr>
</tbody>
</table>

Skin Irrit. 2: H315
Eye Dam. 1; H318

Components not listed are not physical or health hazards as defined in 29 CFR 1910.1200 (Hazard Communication Standard).

SECTION 4: First aid measures

4.1. Description of first aid measures
Inhalation Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.
SAFETY DATA SHEET

SECTION 4: First aid measures

**Eyes**
Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.

**Skin Contact**
Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists. Seek medical advice if symptoms persist.

**Ingestion**
Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this SDS.

4.2. Most important symptoms and effects, both acute and delayed

**Symptoms**
Not determined

4.3. Indication of any immediate medical attention and special treatment needed

**Note to Doctor**
Aspiration during swallowing or vomiting may severely damage the lungs. If evacuation of stomach contents is necessary, use method least likely to cause aspiration.

SECTION 5: Firefighting measures

5.1. Extinguishing media

**Suitable and Unsuitable**
Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into the hot burning liquid.

5.2. Special hazards arising from the substance or mixture

**Fire and/or Explosion Hazards**
Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

5.3. Advice for firefighters

**Fire Fighting Methods and Protection**
Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.

**Hazardous Combustion Products**
Carbon monoxide, Smoke

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

**General Measures:** Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

6.2. Environmental precautions

Do not flush to sewer.
Avoid runoff into storm sewers and ditches that lead to waterways.
Remove from water surface by skimming or with suitable absorbents. Do not use dispersants.
Avoid runoff into storm sewers and ditches that lead to waterways.

6.3. Methods and material for containment and cleaning up

**Methods for cleaning up:** Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Dispose of according to Federal, State, Local, or Provincial regulations. Used fluid should be disposed of at a recycling center. [EMSFORM_06GHS_CLEAN]

6.4. Reference to other sections

Follow all protective equipment recommendations provided in Section 8.
SAFETY DATA SHEET

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Empty containers may retain product residues/ vapors. Use proper bonding and grounding during bulk product transfer.

7.2. Conditions for safe storage, including any incompatibilities
Store in a cool dry place. Isolate from incompatible materials.
Incompatible materials
See Section 10.
7.3. Specific end use(s)
Motor Oil

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Occupational Exposure Limits</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil mist, mineral</td>
<td>OSHA PEL</td>
<td>5 mg/m3</td>
</tr>
<tr>
<td>Oil mist, mineral</td>
<td>OSHA PEL</td>
<td>5 mg/m3</td>
</tr>
<tr>
<td>Oil mist, mineral</td>
<td>OSHA PEL</td>
<td>5 mg/m3</td>
</tr>
<tr>
<td>Oil mist, mineral</td>
<td>ACGIH TLV-TWA</td>
<td>5 mg/m3</td>
</tr>
<tr>
<td>Oil mist, mineral</td>
<td>ACGIH TLV-TWA</td>
<td>5 mg/m3</td>
</tr>
<tr>
<td>Oil mist, mineral</td>
<td>ACGIH TLV-TWA</td>
<td>5 mg/m3</td>
</tr>
<tr>
<td>Oil mist, mineral</td>
<td>ACGIH STEL</td>
<td>10 mg/m3</td>
</tr>
<tr>
<td>Oil mist, mineral</td>
<td>ACGIH STEL</td>
<td>10 mg/m3</td>
</tr>
<tr>
<td>Oil mist, mineral</td>
<td>ACGIH STEL</td>
<td>10 mg/m3</td>
</tr>
<tr>
<td>None</td>
<td>IDLH</td>
<td></td>
</tr>
<tr>
<td>None</td>
<td>OSHA PEL-Skin Notation</td>
<td></td>
</tr>
</tbody>
</table>

8.2. Exposure controls
Engineering Measures
Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.

Respiratory Protection
Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms.

Respirator Type(s)
None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

Eye Protection
Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.

Skin Protection
Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves
Neoprene, Nitrile

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Brown</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH</td>
<td>Not determined</td>
</tr>
<tr>
<td>Freezing point</td>
<td>-20</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>222</td>
</tr>
<tr>
<td>Flash Point Method</td>
<td>COC</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not determined</td>
</tr>
</tbody>
</table>
SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper Flammable/Explosive Limit, % in air</td>
<td>10</td>
</tr>
<tr>
<td>Lower Flammable/Explosive Limit, % in air</td>
<td>1</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>&lt;0.20</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Relative Density</td>
<td>0.88</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Negligible; 0-1%</td>
</tr>
<tr>
<td>Octanol/Water Partition Coefficient</td>
<td>Not determined</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Viscosity (°C)</td>
<td>115.8</td>
</tr>
</tbody>
</table>

9.2. Other information

- Volatiles, % by weight: 0.000000

SECTION 10: Stability and reactivity

10.1. Reactivity

- No data available.

10.2. Chemical stability

- Stable under normal conditions.

10.3. Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4. Conditions to avoid

- Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Moisture (will lead to product performance degradation).

10.5. Incompatible materials

- Strong oxidizing agents

10.6. Hazardous decomposition products

- Carbon monoxide, Smoke, Carbon monoxide, sulfur oxides, aldehydes, and other petroleum decomposition products in the case of incomplete combustion. Oxides of nitrogen, phosphorus, calcium, copper, magnesium, sodium, and hydrogen sulfide may also be present.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

- Ingestion Toxicity: No hazard in normal industrial use. Estimated to be > 5.0 g/kg.
- Skin Contact: This material is likely to be moderately irritating to skin based on animal data. Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.
- Absorption: Likely to be practically non-toxic based on animal data.
- Inhalation Toxicity: No hazard in normal industrial use. Likely to be practically non-toxic based on animal data.
- Eye Contact: This material is likely to cause irreversible effects or corrosion to eyes based on animal data. Can cause severe irritation. Eye contact may result in corneal injury. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Temporary vision impairment (cloudy or blurred vision) is possible.
- Sensitization: Non-hazardous under Respiratory Sensitization category. No data available to indicate product or components may be a skin sensitizer.
- Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
- Carcinogenicity: Not expected to cause cancer. This product meets the IP-346 criteria of <3% PAH’s and is not considered a carcinogen by the International Agency for Research on Cancer.
- Reproductive and Developmental Toxicity: No data available to indicate product or any components present at greater than 0.1% may cause birth defects.
- Specific target organ toxicity-Single exposure: Non-hazardous under Specific Target Organ Systemic Toxicity Single Exposure category.
- Specific target organ toxicity-Repeated exposure: Non-hazardous under Specific Target Organ Systemic Toxicity Repeated Exposure category.
- Aspiration toxicity: Non-hazardous under Aspiration category.
SAFETY DATA SHEET

SECTION 11: Toxicological information

Other information
No data available.

Agents Classified by IARC Monographs

Benzene
IARC Group 1
Not applicable
IARC Group 2A
Vinyl acetate
IARC Group 2B

National Toxicity Program (NTP) Status

Benzene
Known Human Carcinogen
Not applicable
Reasonably Anticipated To Be A Human Carcinogen

SECTION 12: Ecological information

12.1. Toxicity
Acute Aquatic ecotoxicity:
Non-hazardous under Aquatic Acute Environment category.
Chronic Aquatic ecotoxicity:
Non-hazardous under Aquatic Chronic Environment category.

12.2. Persistence and degradability
Biodegrades slowly.

12.3. Bioaccumulative potential
Bioconcentration may occur.

12.4. Mobility in soil
This material is expected to have essentially no mobility in soil. It absorbs strongly to most soil types.

12.5. Results of PBT and vPvB assessment
No data available.

12.6. Other adverse effects
Not determined

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Disposal Methods
Dispose of according to Federal, State, Local, or Provincial regulations. Recycle used oil.

Waste Disposal Code(s)

Waste Description for Spent Product
Spent or discarded material is non-hazardous according to environmental regulations.

Contaminated packaging:
Recycle containers whenever possible.
Recycle containers whenever possible.
Recycle containers whenever possible.
Recycle containers whenever possible.
Recycle containers whenever possible.

SECTION 14: Transport information

DOT Basic
Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO).

SECTION 15: Regulatory information

Chemical Inventories

TSCA Status
All components of this material are on the US TSCA Inventory or are exempt.
U.S. State Restrictions:
Not applicable
WHMIS:
Uncontrolled product according to WHMIS classification criteria.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Regulation</th>
<th>CAS #</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>None.</td>
<td>CERCLA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diphenylamine</td>
<td>SARA 313</td>
<td>122-39-4</td>
<td>0.01 - 0.1</td>
</tr>
<tr>
<td>Vinyl acetate</td>
<td>SARA 313</td>
<td>108-05-4</td>
<td>0.001 - 0.01</td>
</tr>
</tbody>
</table>
### SAFETY DATA SHEET

#### Chemical Name

<table>
<thead>
<tr>
<th>Substance</th>
<th>Regulation</th>
<th>CAS #</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene</td>
<td>SARA 313</td>
<td>71-43-2</td>
<td>&lt;10ppm</td>
</tr>
<tr>
<td>None.</td>
<td>SARA EHS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>None.</td>
<td>TSCA 12b</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### U.S. State Regulations

<table>
<thead>
<tr>
<th>Substance</th>
<th>Regulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>None.</td>
<td>California Prop 65- Cancer</td>
</tr>
<tr>
<td>None.</td>
<td>California Prop 65- Dev. Toxicity</td>
</tr>
<tr>
<td>None.</td>
<td>California Prop 65- Reprod -fem</td>
</tr>
<tr>
<td>None.</td>
<td>California Prop 65- Reprod-male</td>
</tr>
<tr>
<td>None.</td>
<td>Massachusetts RTK List</td>
</tr>
<tr>
<td>None.</td>
<td>New Jersey RTK List</td>
</tr>
<tr>
<td>None.</td>
<td>Pennsylvania RTK List</td>
</tr>
<tr>
<td>None.</td>
<td>Rhode Island RTK List</td>
</tr>
<tr>
<td>None.</td>
<td>Minnesota Hazardous Substance List</td>
</tr>
</tbody>
</table>

#### HMIS Ratings:

- Health: 2
- Fire: 1
- Reactivity: 0
- PPE: B

#### NFPA Ratings:

- Health: 2
- Fire: 1
- Reactivity: 0

#### KEY:

- 0 - Least
- 1 - Slight
- 2 - Moderate
- 3 - High
- 4 – Extreme

### SECTION 16: Other information

**Revision Date**: 10/29/2015 11:54:21 AM  
**Supersedes**: 10/21/2015 12:49:30 PM  
**References**:

- ACGIH: American Conference of Governmental Industrial Hygienists
- AIHA: American Industrial Hygiene Association
- CFR: Code of Federal Regulations
- DOT: United States Department of Transportation
- GHS: Globally Harmonized System of Classification and Labeling of Chemicals
- HMIS: Hazardous Materials Identification System
- IARC: International Agency for Research on Cancer
- IATA: International Air Transportation Association
- IDLH: Immediately Dangerous to Life or Health
- IMDG: International Maritime Dangerous Goods
- NFPA: National Fire Protection Association
- NIOSH: National Institute for Occupational Safety and Health
- NTP: National Toxicology Program
- OSHA: Occupational Safety and Health Administration
- PEL: Permissible Exposure Limit
- RTK: Right-to-Know
- SARA: Superfund Amendments and Reauthorization Act
- STEL: Short-term Exposure Limit
- TLV: Threshold limit value
- TSCA: Toxic Substances Control Act
- TWA: Time weighted average
- UN: United Nations
- WHMIS: Workplace Hazardous Materials Information System
## SECTION 16: Other information

**Disclaimer**

THIS PRODUCT MATERIAL SAFETY DATA SHEET PROVIDES HEALTH AND SAFETY INFORMATION. THE PRODUCT SHOULD BE USED IN APPLICATIONS CONSISTENT WITH THIS PRODUCT LITERATURE. FOR ANY OTHER USES, EXPOSURES SHOULD BE EVALUATED SO THAT APPROPRIATE HANDLING PRACTICES AND TRAINING PROGRAMS CAN BE ESTABLISHED TO ENSURE SAFE WORKPLACE OPERATIONS.

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