1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product Identity            PAL FLUSH LUBE SL 620
Alternate Names

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use                 See Technical Data Sheet.
Application Method           See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet
Company Name                Sullivan-Palatek, Inc.
                            1201 West US Highway 20
                            Michigan City, IN 46360
                            USA

Emergency
CHEMTREC (USA)             (800) 424-9300
Customer Service: Sullivan-Palatek
                            Phone: (800) 438-6203
                            Fax: (219) 809-0203

2. Hazard identification of the product

2.1. Classification of the substance or mixture
No applicable GHS categories.

2.2. Label elements
Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.
No applicable GHS categories.

[Prevention]:
No GHS prevention statements

[Response]:
No GHS response statements

[Storage]:
No GHS storage statements

[Disposal]:
No GHS disposal statements
3. Composition/information on ingredients

There are no ingredients in this product which are classified as hazardous.

4. First aid measures

4.1. Description of first aid measures

General
In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation
Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes
Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin
Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion
If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

Overview
No specific symptom data available. See section 2 for further details.

5. Fire-fighting measures

5.1. Extinguishing media
Dry chemical, foam, carbon dioxide or water spray.

5.2. Special hazards arising from the substance or mixture
Hazardous decomposition: None under normal use.

5.3. Advice for fire-fighters
In the event of fire, wear full protective clothing and NIOSH Approved Self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Move container from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapors.

ERG Guide No. ----

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Evacuate personnel to safe areas. Use personal protective equipment.

6.2. Environmental precautions
Do not allow spills to enter drains or waterways. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up
Use a non-combustible material like vermiculite, sand or earth to soak up product and place in a container for later disposal.
Dike for disposal and cover with wet sand or earth.

7. Handling and storage

7.1. Precautions for safe handling
See section 2 for further details.

7.2. Conditions for safe storage, including any incompatibilities
Handle containers carefully to prevent damage and spillage.
Store in a cool dry place.
Keep containers tightly closed.
Incompatible materials: Incompatible with strong oxidizing agents
See section 2 for further details.

7.3. Specific end use(s)
No data available.

8. Exposure controls and personal protection

8.1. Control parameters
There are no ingredients in this product which are classified as hazardous.

8.2. Exposure controls

Respiratory
If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes
Safety glasses with side shields

Skin
Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. All parts of the body should be washed after contact.

Engineering Controls
Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear and bright Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorous</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not Measured</td>
</tr>
<tr>
<td>pH</td>
<td>Not Measured</td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>Pour Point: -45C</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>Not Measured</td>
</tr>
</tbody>
</table>
10. Stability and reactivity

10.1. Reactivity
Hazardous Polymerization will not occur.

10.2. Chemical stability
Stable under normal circumstances.

10.3. Possibility of hazardous reactions
No data available.

10.4. Conditions to avoid
None known

10.5. Incompatible materials
Incompatible with strong oxidizing agents

10.6. Hazardous decomposition products
None under normal use.

11. Toxicological information

Product is safe for intended use based on the formulation, testing results and the long history of safe consumer use. There are no ingredients in this product which are classified as hazardous.

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
<th>Hazard Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity (oral)</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Acute toxicity (dermal)</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td></td>
<td>DOT (Domestic Surface Transportation)</td>
<td>IMO / IMDG (Ocean Transportation)</td>
</tr>
<tr>
<td>--------------------------</td>
<td>---------------------------------------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td><strong>Acute toxicity (inhalation)</strong></td>
<td>Not Applicable</td>
<td>Not Regulated</td>
</tr>
<tr>
<td><strong>Skin corrosion/irritation</strong></td>
<td>Not Applicable</td>
<td>Not Regulated</td>
</tr>
<tr>
<td><strong>Serious eye damage/irritation</strong></td>
<td>Not Applicable</td>
<td>Not Regulated</td>
</tr>
<tr>
<td><strong>Respiratory sensitization</strong></td>
<td>Not Applicable</td>
<td>Not Regulated</td>
</tr>
<tr>
<td><strong>Skin sensitization</strong></td>
<td>Not Applicable</td>
<td>Not Regulated</td>
</tr>
<tr>
<td><strong>Germ cell mutagenicity</strong></td>
<td>Not Applicable</td>
<td>Not Regulated</td>
</tr>
<tr>
<td><strong>Carcinogenicity</strong></td>
<td>Not Applicable</td>
<td>Not Regulated</td>
</tr>
<tr>
<td><strong>Reproductive toxicity</strong></td>
<td>Not Applicable</td>
<td>Not Regulated</td>
</tr>
<tr>
<td><strong>STOT-single exposure</strong></td>
<td>Not Applicable</td>
<td>Not Regulated</td>
</tr>
<tr>
<td><strong>STOT-repeated exposure</strong></td>
<td>Not Applicable</td>
<td>Not Regulated</td>
</tr>
<tr>
<td><strong>Aspiration hazard</strong></td>
<td>Not Applicable</td>
<td>Not Regulated</td>
</tr>
</tbody>
</table>

### 12. Ecological information

**12.1. Toxicity**
No additional information provided for this product. See Section 3 for chemical specific data.

**Aquatic Ecotoxicity**
There are no ingredients in this product which are classified as hazardous.

**12.2. Persistence and degradability**
There is no data available on the preparation itself.

**12.3. Bioaccumulative potential**
Not Measured

**12.4. Mobility in soil**
No data available.

**12.5. Results of PBT and vPvB assessment**
This product contains no PBT/vPvB chemicals.

**12.6. Other adverse effects**
No data available.

### 13. Disposal considerations

**13.1. Waste treatment methods**
Observe all federal, state and local regulations when disposing of this substance.

### 14. Transport information

14.1. UN number
Not Applicable

Page 5 of 7
14.2. UN proper shipping name
Not Regulated
Not Regulated
Not Regulated

14.3. Transport hazard class(es)
DOT Hazard Class: Not Applicable
IMDG: Not Applicable
Air Class: Not Applicable
DOT Sub Class: Not Applicable

14.4. Packing group
Not Applicable
Not Applicable
Not Applicable

14.5. Environmental hazards
IMDG
Marine Pollutant: No

14.6. Special precautions for user
No further information

15. Regulatory information

Regulatory Overview
The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA)
All components of this material are either listed or exempt from listing on the TSCA Inventory.

WHMIS Classification
Not Regulated

US EPA Tier II Hazards
Fire: No
Sudden Release of Pressure: No
Reactive: No
Immediate (Acute): No
Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

N.J. RTK Substances (>1%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Penn RTK Substances (>1%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no
guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is: None

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

The information provided on the SDS is a 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.

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