

# SAFETY DATA SHEET – SMART BLEND SYNTHETIC TRANSMISSION ASSEMBLY LUBE #5500

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## 1. IDENTIFICATION

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### 1.1. PRODUCT IDENTIFIER USED ON LABEL:

1.1.1. SMART BLEND TRANSMISSION ASSEMBLY LUBE #5500

### 1.2. OTHER MEANS OF IDENTIFICATION:

1.2.1. TRANSMISSION ASSEMBLY LUBE

### 1.3. RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE;

1.3.1. LUBRICATING GREASE

1.3.2. NO OTHER USES RECOMMENDED

### 1.4. NAME, ADDRESS, AND TELEPHONE NUMBER OF THE CHEMICAL MANUFACTURE R, IMPORTER, OR OTHER RESPONSIBLE PARTY:

1.4.1.

#### Phillips 66 Spectrum Corporation

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500 Industrial Park Drive  
Selmer, TN 38375-3276  
United States of America

#### Product Information

SDS Requests: (800) 264-6457 or +17316454972  
Technical Information: (800) 264-6457 or +17316454972  
General Information: Val.Smith-Wedley@P66.com

### 1.5. EMERGENCY PHONE NUMBER:

1.5.1.

#### Emergency Response

North America: CHEMTREC (800) 424-9300 after 5:00pm CST Or+17035273887

#### Health Emergency

USA: (800) 264-6457 or +17316454972

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## 2. HAZARD(S) IDENTIFICATION

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### 2.1. CLASSIFICATION OF THE CHEMICAL IN ACCORDANCE WITH PARAGRAPH (d) of §1910.1200:

- 2.1.1. While this material is not considered hazardous by the OSHA Hazard Communication Standard (29CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

### 2.2. Signal Word:

- 2.2.1. Not classified

### 2.3. Symbol:

- 2.3.1. Not classified

### 2.4. Hazard Statements:

- 2.4.1. Not classified

### 2.5. Precautionary Statements:

- 2.5.1. Not classified

## 3. Composition/ information on ingredients

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### 3.1. The chemical name and concentration (exact percentage) or concentration ranges of all ingredients which are classified as health hazards in accordance with paragraph (d) of §1910.1200

#### 3.1.1.

| COMPONENTS                                                                 | CAS Number | EU Number | Concentration (%) | Hazard Statements (see Section 16) |
|----------------------------------------------------------------------------|------------|-----------|-------------------|------------------------------------|
| Dec-1-ene, homopolymer, hydrogenated<br>Dec-1-ene, oligomers, hydrogenated | 68037-01-4 | 500-183-1 | 40-70             |                                    |

## 4. FIRST AID MEASURES

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### 4.1.

|                    |                                                                                                                                                                           |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Skin:</b>       | Wash skin with soap and warm water. Wash clothing before re-use. If skin irritation or rash occurs: Get medical advice/attention.                                         |
| <b>Eye:</b>        | If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. |
| <b>Inhalation:</b> | Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell                                                             |
| <b>Ingestion:</b>  | Wash out mouth with water. If ingested, do not induce vomiting. Call a physician.                                                                                         |

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## 5. FIRE FIGHTING MEASURES

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5.1. **Flash Point:** No data available

5.2. **Protective Equipment/Fire Fighting Instructions:**

5.2.1. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

5.3. **Extinguishing Media:**

5.3.1. Use water fog, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames.

5.4. **Special Firefighting Procedures:**

5.4.1. Cool exposed containers with water spray.

5.5. **Unusual Fire and Explosion Hazards:**

5.5.1. None know.

## 6. ACCIDENTAL RELEASE MEASURES

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6.1. **Spill Procedures:**

6.1.1. Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Advise authorities if product enters sewers, etc.

6.2. **Waste Disposal:**

6.2.1. Assure conformity with applicable disposal regulations. Dispose of absorbed material at approved waste site.

6.3. **Precautionary Measures:**

6.3.1. Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Wash thoroughly after handling.

6.3.2. Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

## 7. HANDLING AND STORAGE

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7.1. **Handling**

7.1.1. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

7.2. **Storage**

7.2.1. Keep container closed when not in use. Do not store with strong oxidizing agents. Do not store at elevated temperatures. Keep container tightly closed and sealed until ready for use. Containers that

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have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

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## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

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### 8.1. Component Exposure Limits:

8.1.1. None.

### 8.2. Engineering Controls:

8.2.1. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

### 8.3. Eye Protection:

8.3.1. Use goggles/face shield to avoid eye contact

### 8.4. Glove Protection:

8.4.1. Use impervious gloves to avoid repeated/prolonged skin contact.

### 8.5. Work/Hygienic Practices:

8.5.1. If clothing becomes contaminated, change to fresh clean clothing. Do not wear until thoroughly laundered. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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|                                            |                                                |                                          |                         |
|--------------------------------------------|------------------------------------------------|------------------------------------------|-------------------------|
| 9.1. <b>Appearance/Odor:</b>               | Solid amber grease with mild hydrocarbon odor. | 9.2. <b>Odor Threshold:</b>              | No data available       |
| 9.3. <b>pH:</b>                            | No data available                              | 9.4. <b>Boiling Point:</b>               | No data available       |
| 9.5. <b>Melting Point:</b>                 | No data available                              | 9.6. <b>Solubility (H<sub>2</sub>O):</b> | Insoluble in cold water |
| 9.7. <b>Specific Gravity:</b>              | No data available                              | 9.8. <b>Relative Density:</b>            | 0.9 g/cm <sup>3</sup>   |
| 9.9. <b>Octanol/H<sub>2</sub>O Coeff.:</b> | No data available                              | 9.10. <b>Evaporation Rate (BUAC=1):</b>  | No data available       |
| 9.11. <b>Molecular Weight:</b>             | No data available                              | 9.12. <b>Decomposition Temp:</b>         | No data available       |
| 9.13. <b>Auto Ignition:</b>                | No data available                              | 9.14. <b>Lower Flammability Limit:</b>   | No data available       |
| 9.15. <b>Flash Point:</b>                  | No data available                              | 9.16. <b>Upper Flammability Limit:</b>   | No data available       |
| 9.17. <b>Vapor Density (Air=1):</b>        | No data available                              | 9.18. <b>Vapor Pressure:</b>             | No data available       |

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9.19. **VOC:**

No data available

9.20. **Flammability Class:**

Not classified

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9.21. **Viscosity @ 40°C**

>20.5 cSt (>20.5 mm<sup>2</sup>/s)

9.22. **Viscosity @ 100°C**

No data available

## 10. STABILITY AND REACTIVITY

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### 10.1. Reactivity:

10.1.1. No specific test data related to reactivity available for this product or its ingredients.

### 10.2. Chemical Stability:

10.2.1. Stable

### 10.3. Incompatibility/Conditions to avoid:

10.3.1. No specific data.

### 10.4. Possibility of Hazardous Reactions:

10.4.1. Under normal conditions of storage and use, hazardous reactions will not occur.

### 10.5. Hazardous Decomposition Products:

10.5.1. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. TOXICOLOGY INFORMATION

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### 11.1. Likely Routes of Exposure:

11.1.1. Ingestion, Inhalation, Eye contact, Skin contact.

### 11.2. Acute Effects:

11.2.1. Inhalation: No known significant effects or critical hazards.

11.2.2. Eye Contact: No known significant effects or critical hazards.

11.2.3. Skin Contact: No known significant effects or critical hazards.

11.2.4. Ingestion: No known significant effects or critical hazards.

### 11.3. Component Data/ Analysis

11.3.1. No specific data.

### 11.4. Sensitization:

11.4.1. None known.

### 11.5. Carcinogenicity:

11.5.1. None greater than 0.1%.

### 11.6. Mutagenicity:

11.6.1. None known.

### 11.7. Reproductive Toxicity:

11.7.1. None known.

### 11.8. Teratogenicity:

11.8.1. None known.

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## 12.ECOLOGICAL INFORMATION

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### 12.1. Ecotoxicity

- 12.1.1. An environmental fate analysis is not available for this specific product. Plants and animals may experience harmful or fatal effects when coated with petroleum products. Petroleum-based (mineral) lubricating oils normally will float on water. In stagnant or slow-flowing waterways, an oil layer can cover a large surface area. As a result, this oil layer might limit or eliminate natural atmospheric oxygen transport into the water. With time, if not removed, oxygen depletion in the waterway may be sufficient to cause a fish kill or create an anaerobic environment.

### 12.2. Environmental Fate

- 12.2.1. Analysis for ecological effects has not been conducted on this product. However, if spilled, this product and any contaminated soil or water may be harmful to human, animal, and aquatic life. Also, the coating action associated with petroleum and petroleum products can be harmful or fatal to aquatic life and waterfowl.

## 13. DISPOSAL CONSIDERATIONS

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### 13.1. Waste Disposal:

- 13.1.1. Assure conformity with applicable disposal regulations. Dispose of absorbed material at approved waste site.

## 14. TRANSPORTATION INFORMATION

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The shipping description below may not represent requirements for all modes of transportation, shipping methods or locations outside of the United States.

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### 14.1. ROAD AND RAIL

- 14.1.1. DOT: NOT REGULATED

### 14.2. VESSEL

- 14.2.1. IMDG: NOT REGULATED

### 14.3. AIR

- 14.3.1. IATA: NOT REGULATED

## 15. REGULATORY INFORMATION

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### 15.1. TSCA Inventory

- 15.1.1. This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

### 15.2. SARA 302/304 Emergency Planning and Notification

- 15.2.1. No components were identified.

### 15.3. SARA 311/312 Hazard Identification

- 15.3.1. Not applicable.

### 15.4. SARA 313 Toxic Chemical Notification and Release Reporting

- 15.4.1. : No components were identified.

### 15.5. CERCLA

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15.5.1. No components were identified.

**15.6. California Proposition 65:**

15.6.1. The product does not contain chemicals known to the state of California to cause cancer, birth defects, or any other reproductive harm.

**15.7. New Jersey Right-to-Know Label**

15.7.1. 15.2.1. No components were identified.

## 16. OTHER INFORMATION

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16.1.

| HAZARD RANKINGS     |   |                        |   |
|---------------------|---|------------------------|---|
| HMIS                |   | NFPA                   |   |
| HEALTH HAZARD       | 1 | HEALTH HAZARD          | 1 |
| FIRE HAZARD         | 1 | FIRE HAZARD            | 1 |
| PHYSICAL HAZARD     | 0 | INSTABILITY/REACTIVITY | 0 |
| Personal Protection | B |                        |   |

16.2. **Date of preparation:** 2/3/2015

**16.3. MANUFACTURER DISCLAIMER:**

16.3.1. *The data presented herein is based upon tests and information, which we believe to be reliable. However, users should make their own investigations to determine the suitability of the information for their particular purpose.*