



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

**1.1. Product identifier**

**Product Identity** 715 Power Steering/Hydraulic Oil  
**Alternate Names** 715 Power Steering/Hydraulic Oil  
**Unique Formula Identifier**

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Intended Uses and Uses Advised Against** See Technical Data Sheet.

**1.3. Details of the supplier of the safety data sheet**

**Company Name** Southwestern Petroleum Lubricants LLC  
3401 Quorum Drive, Suite 360  
Fort Worth, Texas 76137  
**Customer Service:** 1+734 930-0009

**1.4. Emergency telephone number**

**Emergency**

**24 hour Emergency Telephone No.**

Polluxstraat 11 Telephone: +31 (13) 785 49 40  
5047 RA Tilburg GSM: +31 (6) 150 230 19  
The Netherlands E-mail: [info@stratson.nl](mailto:info@stratson.nl)  
Homepage: [www.stratson.nl](http://www.stratson.nl)  
SWEPCO lubes: [www.swepcolube.com](http://www.swepcolube.com)

**Section 2. Hazard identification of the product**

**2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**



## 2.2. Label elements

According to REGULATION (EU) 2020/878 amending Regulations EU 2015/830 and (EC) No 1907/2006



EUH208: Contains 1,3,4-thiadiazole, 2,5-bis(octyldithio)-. May produce an allergic reaction.

## 2.3. Other hazards

This product contains no PBT/vPvB chemicals.

This product contains no endocrine disrupting chemicals.

## Section 3. Composition/information on ingredients

### 3.2. Mixtures

If the product contains substances that present a hazard according to Regulation (EC) No. 1272/2008 [CLP/GHS], they are listed below.

| Ingredient/Chemical Designations   | Weight % | EC No. 1272/2008 Classification | Notes                     |
|--|----------|---------------------------------|---------------------------|
| Distillates (petroleum), hydrotreated heavy naphthenic; Base Oil-unspecified<br>CAS Number: 64742-52-5<br>EC No. 265-155-0<br>Index No.: 649-465-00-7<br>REACH #: 01-2119467170-45 | 45 - 65  | Not Classified                  | L <sup>^</sup> CLP 3.1    |
| Distillates Hydrotreated Heavy Paraffin<br>CAS Number: 64742-54-7<br>EC No. 265-157-1<br>Index No.: 0064742-54-7   | 45 - 65  | Not Classified                  | H; L <sup>^</sup> CLP 3.1 |

<sup>^</sup>CLP<sup>31</sup> Reference EC No. 1272/2008 1.1.3.1. Notes relating to the identification, classification and labelling of substances (Table 3.1).

\*PBT/vPvB - PBT-substance or vPvB-substance.

The full texts of the phrases are shown in Section 16.



## Section 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.
- Eye** 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** Treat symptomatically. Exposure to solvent vapor concentrations from the component solvents more than the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

**Skin** May cause an allergic skin reaction.

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



**Notes to physician** Treat symptomatically. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or a rash occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse.

## Section 5. Fire-fighting measures

### 5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.  
Unsuitable extinguishing media: Do not use; water jet.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Avoid breathing dust, fume, gas, mist, vapors, spray.

### 5.3. Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full-face piece and protective clothing. Persons without respiratory protection should leave the area. Wear SCBA during clean-up immediately after fire. No smoking.

## Section 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).  
Avoid breathing dust, fumes, gas, mist, vapors, spray. Contaminated work clothing should not be allowed out of the workplace.

### 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.  
Dispose of contents or container in accordance with local and national regulations.

**6.3. Methods and material for containment and cleaning up**

Ventilate the area and avoid breathing vapor. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

**6.4 Reference to other sections**

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

**Section 7. Handling and storage**

**7.1. Precautions for safe handling**

Handle containers carefully to prevent damage and spillage.

Wear protective gloves, eye protection, and face protection.

**7.2. Conditions for safe storage, including any incompatibilities**

Incompatible materials: Strong oxidizing agents and acids.

**7.3. Specific end use(s)**

No available information

**Section 8. Exposure controls / personal protection**

**8.1. Control parameters**

**Exposure**

| CAS No. | Ingredient | Source | Value |
|---------|------------|--------|-------|
|---------|------------|--------|-------|



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| CAS No.    | Ingredient   | Source                   | Value                  |
|------------|--|--------------------------|------------------------|
| 64742-52-5 | Distillates (petroleum), hydrotreated heavy naphthenic; Base Oil-unspecified | ACGIH                    | No Established Limit   |
|            |  | DNEL Local Exposure      | 5.58 mg/m <sup>3</sup> |
|            |  | DNEL Systematic Exposure | No Established Limit   |
|            |  | National                 | No Established Limit   |
| 64742-54-7 | Distillates Hydrotreated Heavy Paraffin                                      | ACGIH                    | No Established Limit   |
|            |  | DNEL Local Exposure      | 5.58 mg/m <sup>3</sup> |
|            |  | DNEL Systematic Exposure | No Established Limit   |
|            |  | National                 | No Established Limit   |

Contains mineral oil. The exposure limits for oil mist are 5 mg/m<sup>3</sup>OSHA PEL and 5 mg/m<sup>3</sup>ACGIH.

**8.2. Exposure controls**

- Respiratory** If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
- Eyes** Protective safety glasses recommended
- Skin** Avoid skin contact.
- Engineering Controls** Provide adequate ventilation. Where reasonably practicable this should be achieved using 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.

**Section 9. Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

- Physical State** Liquid
- Color** Oily Amber
- Odor** None
- Melting point / freezing point** No available information



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|   |  |
|---|--|
| Initial boiling point and boiling range         | ASTM D 2892  |
| Flammability (solid, gas)                       | No available information   |
| Upper/lower flammability or explosive limits    | <b>Lower Explosive Limit:</b> 1.0<br><b>Upper Explosive Limit:</b> 7.0 |
| Flash Point                                     | Open Cup   |
| Auto-ignition temperature                       | 260  |
| Decomposition temperature                       | No available information   |
| pH  | 7.1  |
| Viscosity (cSt)                                 | ASTM D 455 at 40C  |
| Solubility in Water                             | Non-Emulsifier   |
| Partition coefficient n-octanol/water (Log Kow) | No available information   |
| Vapor pressure (Pa)                             | No available information   |
| Relative Density                                | 0.825  |
| Vapor Density                                   | >5   |
| Evaporation rate (Ether = 1)                    | Nil  |
| VOC Content                                     | None   |

**9.2. Other information**

DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)

**Section 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 available information

**10.4. Conditions to avoid**

Excessive heat and open flame.

**10.5. Incompatible materials**

Strong oxidizing agents and acids.

**10.6. Hazardous decomposition products**

High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.



**Section 11. Toxicological information**

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity**

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

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).

| Ingredient  | Oral LD50, mg/kg               | Skin LD50, mg/kg                  | Inhalation Vapor LC50, mg/L/4hr | Inhalation Dust/Mist LC50, mg/L/4hr | Inhalation Gas LC50, ppm |
|---|--------------------------------|-----------------------------------|---------------------------------|-------------------------------------|--------------------------|
| Distillates (petroleum), hydrotreated heavy naphthenic; Base Oil-unspecified - (64742-52-5) | > 5,000.00, Rat - Category: NA | No data available.                | No data available.              | 5.70, Rat - Category: NA            | No data available.       |
| Distillates Hydrotreated Heavy Paraffin - (64742-54-7)                                      | > 5,000.00, Rat - Category: NA | > 5,000.00, Rabbit - Category: NA | No data available.              | No data available.                  | No data available.       |

| Classification                | Category | Hazard Description |
|-------------------------------|----------|--------------------|
| Acute toxicity (oral)         | ---      | ---                |
| Acute toxicity (dermal)       | ---      | ---                |
| Acute toxicity (inhalation)   | ---      | ---                |
| Skin corrosion/irritation     | ---      | ---                |
| Serious eye damage/irritation | ---      | ---                |
| Respiratory sensitization     | ---      | ---                |





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|                        |     |                                      |
|------------------------|-----|--------------------------------------|
| Skin sensitization     | 1   | May cause an allergic skin reaction. |
| Germ cell mutagenicity | --- | ---                                  |
| Carcinogenicity        | --- | ---                                  |
| Reproductive toxicity  | --- | ---                                  |
| STOT-single exposure   | --- | ---                                  |
| STOT-single exposure   | --- | ---                                  |
| STOT-repeated exposure | --- | ---                                  |
| Aspiration hazard      | --- | ---                                  |

**11.2 Information on other hazards**

**11.2.1. Endocrine disrupting properties**

This product contains no endocrine disrupting chemicals.

**Section 12. Ecological information**

**12.1. Toxicity**

No additional information is provided for this product. See Section 3 for chemical specific data.

**Aquatic Ecotoxicity**

| Ingredient  | 96 hr LC50 fish,<br>mg/l            | 48 hr EC50<br>crustacea,<br>mg/l | ErC50 algae,<br>mg/l                          | 3hr IC50<br>Bacteria<br>mg/l | Biodegradability<br>% |
|---|-------------------------------------|----------------------------------|---|------------------------------|-----------------------|
| Distillates (petroleum), hydrotreated heavy naphthenic; Base Oil-unspecified - (64742-52-5) | 5,000.00,<br>Oncorhynchus<br>mykiss | 1,000.00,<br>Daphnia magna       | 1,000.00, Scenedesmus<br>subspicatus          | ---                          | ---                   |
| Distillates Hydrotreated Heavy Paraffin - (64742-54-7)                                      | >100.00,<br>Pimephales<br>promelas  | >10,000.00,<br>Daphnia magna     | 100.00,<br>Pseudokirchneriella<br>subcapitata | ---                          | 31.00                 |

**12.2. Persistence and degradability**

There is no data available on the preparation itself.

**12.3. Bioaccumulative potential**

No available information

**12.4. Mobility in soil**

No available information



**12.5. Results of PBT and vPvB assessment**

This product contains no PBT/vPvB chemicals.

**12.6 Endocrine disrupting properties**

This product contains no endocrine disrupting chemicals.

**12.7. Other adverse effects**

No available information

**Section 13. Disposal considerations**

**13.1. Waste treatment methods**

Observe all federal, state and local regulations when disposing of this substance.

**Section 14. Transport information**

|   | <b>ADR/RID</b>   | <b>IMO / IMDG (Ocean Transportation)</b>                        | <b>ICAO/IATA</b>   |
|---|--|---|--|
| <b>14.1. UN number</b>                  | Not Regulated  | Not Regulated   | Not Regulated  |
| <b>14.2. UN proper shipping name</b>    | Not Regulated  | Not Regulated   | Not Regulated  |
| <b>14.3. Transport hazard class(es)</b> | <b>DOT Hazard Class:</b><br>Not Applicable<br><b>Sub Class:</b> Not Applicable | <b>IMDG:</b> Not Applicable<br><b>Sub Class:</b> Not Applicable | <b>Air class:</b> Not Applicable<br><b>Sub Class:</b> Not Applicable |
| <b>14.4. Packing group</b>              | Not Applicable   | Not Applicable  | Not Applicable   |

**14.5. Environmental hazards**

Marine Pollutant: No;

**14.6. Special precautions for user**

No available information

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not Applicable



## Section 15. Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU Legislation

REGULATION (EU) 2020/878 amending Regulations EU 2015/830 and (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). REGULATION (EC) 1272/2008 on the classification, labeling and packaging of substances and mixtures (CLP).

#### National Legislation

WGK Class:

#### SVHC Ingredient:

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles:** 715 (Unknown)

Distillates (petroleum), hydrotreated heavy naphthenic; Base Oil-unspecified (Use restricted. See item 28. (L))

Distillates Hydrotreated Heavy Paraffin (Use restricted. See item 28. (L))

### 15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out.

## Section 16. Other information

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The information and recommendations contained herein are based upon data believed to



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The full text of the phrases appearing in section 3 is:

Not Applicable

ACGIH - American Conference of Governmental Industrial Hygienists  
ADR - International Carriage of Dangerous Goods by Road (Accord Dangereux Routier)  
CAS - Chemical Abstract Service  
CLP - Classification Labeling and Packaging  
DOT - Department of Transportation  
EC50 - European Commission  
EC50 - Half maximal effective concentration  
ErC50 - The concentration of test substance which results in a 50 percent reduction in growth rate (ErC50) relative to the control within 72hrs exposure.  
GHS - Globally Harmonized System  
IARC - International Agency for Research on Cancer  
IATA - International Civil Aviation Organization  
IC50 - The amount of a substance suspended in the air required to kills 50% of a test animals during a predetermined observation period.  
ICAO - International Civil Aviation Organization  
IMDG - International Maritime Dangerous Goods  
IMO - International Maritime Organization  
LC50 - Is the Lethal Concentration of a substance at which 50% of test animals die.  
LD50 - Is the Lethal Dose at which 50% of the animals will be expected to die.  
NIOSH - National Institute for Occupational Safety and Health  
NTP - National Toxicology Program  
OSHA - Occupational Safety and Health Administration  
PBT - Persistent, Bioaccumulative and Toxic Chemicals  
PEL - Permissible Exposure Limit  
REACH - Registration, Evaluation, Authorization and Restriction of Chemicals  
RID - Regulations concerning the international carriage of dangerous goods by rail)  
STEL - Short Term Exposure Limit  
TWA - Time Weighted Average



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vPvB - Very Persistent and very Bio-accumulative  
WGK - Water Hazard Class

**Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

| Classification   | Justification      |
|--|--------------------|
| EUH208: Contains 1,3,4-thiadiazole, 2,5-bis(octyldithio)-. May produce an allergic reaction. | Calculation method |

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