



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

**1.1. Product identifier**

<b>Product Identity</b>	815 Food Machinery Grease (Aerosol)
<b>Alternate Names</b>	Not Applicable
<b>Unique Formula Identifier</b>	

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

<b>Intended Uses and Uses Advised Against</b>	Lubricant
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**1.3. Details of the supplier of the safety data sheet**

<b>Company Name</b>	Southwestern Petroleum Lubricants LLC 3401 Quorum Drive, Suite 360 Fort Worth, Texas 76137
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**Customer Service:** 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:	<a href="mailto:info@stratson.nl">info@stratson.nl</a>
Homepage:		<a href="http://www.stratson.nl">www.stratson.nl</a>
SWEPCO lubes:		<a href="http://www.swepcolube.com">www.swepcolube.com</a>

**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]**



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Flam. Gas 1;H220

Extremely flammable gas.

Aquatic Chronic 3;H412

Harmful to aquatic life with long lasting effects.

## 2.2. Label elements

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



**Danger**

H220 Extremely flammable gas.

H412 Harmful to aquatic life with long lasting effects.

P210 Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

P273 Avoid release to the environment.

P377 Leaking gas fire - do not extinguish unless leak can be stopped safely.

P381 In case of leakage, eliminate all ignition sources.

P501 Dispose of contents or container in accordance with local and national regulations.

## 2.3. Other hazards

This product contains no PBT/vPvB/vPvM chemicals.

This product contains no endocrine disrupting chemicals.

May displace oxygen and cause rapid suffocation.

## Section 3. Composition/information on ingredients



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### 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
Propane CAS Number: 74-98-6 EC No. 200-827-9 Index No.: 601-003-00-5 REACH #: 01-2119486944-21	10 - 15	Flam. Gas 1;H220 Liquified Gas;H280 Simple Asphyxiant	U <sup>^CLP 3.1</sup>
Butane CAS Number: 106-97-8 EC No. 203-448-7 Index No.: 601-004-00-0 REACH #: 01-2119474691-32	10 - 15	Flam. Gas 1;H220 Liquified Gas;H280 Simple Asphyxiant	C; U; S <sup>^CLP 3.1</sup>

<sup>^CLP 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, vPvM 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** EFFECTS OF OVEREXPOSURE: Overexposure may result in light-headedness, staggering gait, giddiness, and possible nausea. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. May cause eye and skin irritation. SIGNS AND SYMPTOMS OF OVEREXPOSURE: Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing respiratory, skin, and eye disorders. Treat symptomatically. See section 2 for further details.

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

**Notes to physician** Treat symptomatically.

### 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.

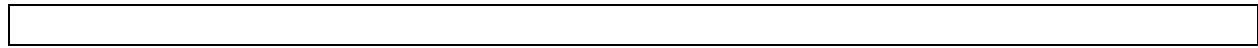
#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Oxides of Carbon  
Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

#### 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.  
Leaking gas fire - do not extinguish unless leak can be stopped safely. In case of leakage, eliminate all ignition sources.

### Section 6. Accidental release measures



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

Put on appropriate personal protective equipment (see section 8).

### **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.

Avoid release to the environment. 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 vapors. 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.



### **7.1. Precautions for safe handling**

Handle containers carefully to prevent damage and spillage.

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

Incompatible materials: Strong acids and oxidizing materials

Store in a well-ventilated place.

### **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
74-98-6	Propane	ACGIH	(D) Simple Asphyxiant - (EX) Explosion hazard
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit
106-97-8	Butane	ACGIH	1000 ppm (EX) Explosion hazard
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit

### 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. Protective gloves recommended.
- 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



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<b>Physical State</b>	White to pale white Aerosol/Foam
<b>Color</b>	White
<b>Odor</b>	Solvent Odor
<b>Melting point / freezing point</b>	No available information
<b>Initial boiling point and boiling range</b>	No available information
<b>Flammability (solid, gas)</b>	Gas
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> No available information <b>Upper Explosive Limit:</b> No available information
<b>Flash Point</b>	No available information
<b>Auto-ignition temperature</b>	240C after solvent is evaporated
<b>Decomposition temperature</b>	No available information
<b>pH</b>	No available information
<b>Viscosity (cSt)</b>	NLGI #2 grease after solvent is gone
<b>Solubility in Water</b>	Insoluble in water
<b>Partition coefficient n-octanol/water (Log Kow)</b>	No available information
<b>Vapor pressure (Pa)</b>	No available information
<b>Relative Density</b>	No available information
<b>Vapor Density</b>	No available information
<b>Evaporation rate (Ether = 1)</b>	No available information
<b>VOC Content</b>	10%

**9.2. Other information**

No other relevant information.

**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**

Do not expose to heat or store at temperature above 120°F.(49C)



**10.5. Incompatible materials**

Strong acids and oxidizing materials

**10.6. Hazardous decomposition products**

Oxides of Carbon

**Section 11. Toxicological information**

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

**Acute toxicity**

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 Vapour LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Propane - (74-98-6)	No data available.	No data available.	658.00, Rat - Category: NA	No data available.	No data available.
Butane - (106-97-8)	No data available.	No data available.	658.00, Rat - Category: NA	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	---	---
Skin sensitization	---	---
Germ cell mutagenicity	---	---
Carcinogenicity	---	---
Reproductive toxicity	---	---
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

Harmful to aquatic life with long lasting effects.

#### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l	3hr IC50 Bacteria mg/l	Biodegradability %
Propane - (74-98-6)	49.90, Fish	69.43, Daphnia sp	19.37, Algae	---	---
Butane - (106-97-8)	49.90, Fish (Piscis)	69.43, Daphnia sp	19.37, Algae	---	Readily biodegradable

### 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/vPvM 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> Not Applicable <b>Sub Class:</b> Not Applicable	<b>IMDG:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Air class:</b> Not Applicable <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,



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labeling and packaging of substances and mixtures (CLP).

**Candidate List of SVHC for Authorisation:** Not Applicable

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

Butane (Use restricted. See item 28. (C) (containing  $\geq 0.1\%$  Butadiene); Use restricted. See item 29. (C)

Propane (Use restricted. See item 40.)

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out.

**Section 16. Other information**

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

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

ACGIH - American Conference of Governmental Industrial Hygienists



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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  
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
Flam. Gas 1;H220	On basis of test data
Aquatic Chronic 3;H412	Calculation method

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



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