



Safety Data Sheet

This safety data sheet complies with the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Revision Date 27-Jul-2020

Revision Number 4

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Code W30874
Product Name SWEPCO 715 Power Steering/Hydraulic Oil

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

Recommended Use Lubricant
Uses advised against Any non-label use

1.3. Details of the supplier of the safety data sheet

Importer	Manufacturer	Supplier
NV Southwestern Petroleum Europe SA Industrieweg 6 B-2390 Oostmalle BELGIUM www.swepcolube.com Email: swepco@edpnet.be Fax: 011-323-311-7277 Telephone: 011-323-312-3141	NV Southwestern Petroleum Europe SA Industrieweg 6 B-2390 Oostmalle BELGIUM www.swepcolube.com Email: swepco@edpnet.be Fax: 011-323-311-7277 Telephone: 011-323-312-3141	NV Southwestern Petroleum Europe SA Industrieweg 6 B-2390 Oostmalle BELGIUM www.swepcolube.com Email: swepco@edpnet.be Fax: 011-323-311-7277 Telephone: 011-323-312-3141

1.4. Emergency telephone number

Emergency Telephone Belgium Office: 011-323-312-3141
US Office: +01-817-332-2336

Emergency Telephone - §45 - (EC)1272/2008
Europe 112

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Chronic aquatic toxicity	Category 3 - (H412)
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2.2. Label elements

Product Identifier
SWEPCO 715 Power Steering/Hydraulic Oil

Hazard statements
H412 - Harmful to aquatic life with long lasting effects

2.3. Other hazards

0.6791% of the mixture consists of ingredient(s) of unknown toxicity.
0.6791 % of the mixture consists of components(s) of unknown hazards to the aquatic environment
No other information available.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Chemical Name	EC No.	CAS-No	Weight %	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
Petroleum distillates, hydrotreated heavy paraffinic	265-157-1	64742-54-7	90 - 100%	Carc. 1B (H350)	05-2115856970-36-000
Pseudocumene	202-436-9	95-63-6	0 - 10%	Acute Tox. 4 (H332) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) STOT SE 3 (H335) Aquatic Chronic 2 (H411) Flam. Liq. 3 (H226)	None Required
Diphenylamine	204-539-4	122-39-4	0 - 10%	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H331) STOT RE 2 (H373) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	None Required

Full text of H- and EUH-phrases: see section 16

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms persist, call a physician.
Skin Contact	Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

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

Symptoms No other information available.

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**Suitable Extinguishing Media**

Foam. Dry chemical or CO₂. Cool containers with flooding quantities of water until well after fire is out.

Unsuitable Extinguishing Media

Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors.

Hazardous Combustion Products

Hydrogen sulfide (H₂S) may be produced above 250° F (121° C). Decomposition and combustion products may be toxic.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures****Personal Precautions**

Ensure adequate ventilation.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

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

Prevent further leakage or spillage if safe to do so. Use inert absorbent materials to confine spills and absorb spill.

Methods for Clean-up

Take up mechanically and collect in suitable container for disposal.

6.4. Reference to other sections

See section 8 for more information. See section 13 for more information.

Section 7: HANDLING AND STORAGE**7.1. Precautions for safe handling****Handling**

Ensure adequate ventilation.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

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

Keep container tightly closed in a dry and well-ventilated place.

Incompatible Materials

Strong oxidizing agents.

7.3. Specific end use(s)**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters****Exposure limits**

If there are exposure limits set for any components of this product, they will be listed below. Keep in mind, however, that these exposure levels are for pure concentrations of these ingredients:

Chemical Name	EU OEL	United Kingdom	France	Spain	Germany
Pseudocumene		TWA: 125 mg/m ³	TWA: 20 ppm	VLA-ED: 20 ppm	-

95-63-6		TWA: 25 ppm	TWA: 100 mg/m ³ STEL: 50 ppm STEL: 250 mg/m ³	VLA-ED; 100 mg/m ³ VLA-ED	
Diphenylamine 122-39-4		TWA: 10 mg/m ³ STEL: 20 mg/m ³	TWA: 10 mg/m ³	VLA-ED: 10 mg/m ³ VLA-ED	-
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
Pseudocumene 95-63-6	TWA: 100 mg/m ³ TWA: 20 ppm		STEL: 200 mg/m ³ TWA: 100 mg/m ³	TWA: 100 mg/m ³ TWA: 20 ppm TWA: 20 ppm	TWA: 100 mg/m ³ TWA: 20 ppm
Diphenylamine 122-39-4	-	TWA: 10 mg/m ³	-	TWA: 5 mg/m ³ STEL: 10 mg/m ³	TWA: 5 mg/m ³
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Pseudocumene 95-63-6	STEL: 30 ppm STEL; 150 mg/m ³ STEL MAK: 20 ppm MAK; 100 mg/m ³ MAK		NDSch: 170 mg/m ³ NDS: 100 mg/m ³		TWA: 100 mg/m ³ TWA: 20 ppm Skin
Diphenylamine 122-39-4	Skin STEL: 1.4 ppm STEL (inhalable fraction); 10 mg/m ³ STEL (inhalable fraction) MAK: 0.7 ppm MAK (inhalable fraction); 5 mg/m ³ MAK (inhalable fraction)	TWA: 10 mg/m ³		TWA: 5 mg/m ³	TWA: 10 mg/m ³ STEL: 20 mg/m ³

Derived No Effect Level (DNEL) No other information available.

Predicted No Effect Concentration (PNEC) No other information available.

8.2. Exposure controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/face Protection Tightly fitting safety goggles.
Skin Protection Long sleeved clothing.

Environmental exposure controls No other information available.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state No other information available
Color No other information available
Odor No other information available
Odor Threshold No other information available

Property

pH No other information available
Melting point / freezing point No other information available
Boiling Point/Range 293 °C
Flash Point 179 °C
Evaporation Rate No other information available
Flammability (solid, gas) No other information available
Flammability Limit in Air
 Upper flammability limit: 7.0
 Lower flammability limit: 0.9
Vapor pressure No other information available
Vapor Density > 5
Relative density 0.9
Water Solubility No other information available
Solubility in other solvents No other information available
Partition coefficient No other information available
Autoignition Temperature 260 °C

Remarks • Method

Decomposition temperature	No other information available
Kinematic viscosity @40C	No other information available
Dynamic viscosity	No other information available
Explosive Properties	No other information available
Oxidizing Properties	No other information available

9.2. Other information

Softening Point	No other information available
Molecular Weight	No other information available
Volatiles, % Vol	No data available
Density	No other information available
Bulk Density	No other information available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions. Hazardous polymerization does not occur.

Explosion Data

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions**Possibility of Hazardous Reactions**

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Hydrocarbons. Carbon monoxide. Hydrogen sulfide (H₂S) may be produced above 250° F (121° C).

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects**Acute Toxicity****Product Information**

Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation	No data available.
Eye Contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Unknown acute toxicity

100% of the mixture consists of ingredient(s) of unknown toxicity.

99.447 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

99.669 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).

100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).

99.9846 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Skin Corrosion/Irritation	No other information available.
Serious eye damage/eye irritation	No other information available.
Sensitization	No other information available.
Mutagenic Effects	No other information available.
Carcinogenic Effects	No other information available.

Chemical Name	EU Carc*
Petroleum distillates, hydrotreated heavy paraffinic	Carc. 1B

Reproductive Effects	No other information available.
STOT - single exposure	No other information available.
STOT - repeated exposure	No other information available.
Aspiration hazard	No other information available.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Unknown Aquatic Toxicity 0.6791 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Freshwater Fish	Water Flea
Petroleum distillates, hydrotreated heavy paraffinic	-	5000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 h Daphnia magna mg/L EC50
Pseudocumene	-	7.19 - 8.28: 96 h Pimephales promelas mg/L LC50 flow-through	6.14: 48 h Daphnia magna mg/L EC50
Diphenylamine	1.5: 72 h Scenedesmus subspicatus mg/L EC50	3.47 - 4.14: 96 h Pimephales promelas mg/L LC50 flow-through	1.69 - 2.46: 48 h Daphnia magna mg/L EC50

12.2. Persistence and degradability

No other information available.

12.3. Bioaccumulative potential

No other information available.

Chemical Name	Partition coefficient
Pseudocumene	3.63
Diphenylamine	3.4

12.4. Mobility in soil

Mobility in soil

No other information available.

12.5. Results of PBT and vPvB assessment

No other information available.

12.6. Other adverse effects

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues / Unused Products	Dispose of in accordance with local regulations.
Contaminated Packaging	Empty containers should be taken for local recycling, recovery or waste disposal.

Section 14: TRANSPORT INFORMATION

IMDG/IMO

14.1 UN-No	Not Regulated
14.2 Proper Shipping Name	Not Regulated
14.3 Hazard Class	Not Regulated
14.4 Packing Group	Not Regulated
14.5 Marine Pollutant	Not applicable
14.6 Special Provisions	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No other information available

RID

14.1 UN-No	Not Regulated
14.2 Proper Shipping Name	Not Regulated
14.3 Hazard Class	Not Regulated
14.4 Packing Group	Not Regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

ADR

14.1 UN-No	Not Regulated
14.2 Proper Shipping Name	Not Regulated
14.3 Hazard Class	Not Regulated
14.4 Packing Group	Not Regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

IATA

14.1 UN-No	Not Regulated
14.2 Proper Shipping Name	Not Regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not Regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

Section 15: REGULATORY INFORMATION

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

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)
This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

15.2. Chemical safety assessment

No other information available

Section 16: OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H350 - May cause cancer

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value
*	Skin designation

Classification procedure

Calculation method

Prepared By

Regulatory Compliance Department

This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008.

The information provided on this SDS is 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

End of Safety Data Sheet