



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-2016

Revision Number 3

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

1.1. Product identifier

Product Code W30900A
Product Name SWEPCO 802 Open Gear Lube (Aerosol)

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

Aspiration toxicity	Category 1 - (H304)
Germ Cell Mutagenicity	Category 1B - (H340)
Carcinogenicity	Category 1B - (H350)
Chronic aquatic toxicity	Category 2 - (H411)
Aerosols	Category 2 - (H223)

2.2. Label elements

Product Identifier
SWEPCO 802 Open Gear Lube (Aerosol)

Contains Benzin, Petroleum distillates, hydrotreated light

**Signal Word**

Danger

Hazard statements

H304 - May be fatal if swallowed and enters airways

H340 - May cause genetic defects

H350 - May cause cancer

H411 - Toxic to aquatic life with long lasting effects

H223 - Flammable aerosol

H229 - Pressurized container: May burst if heated

Precautionary Statements - EU (§28, 1272/2008)

P201 - Obtain special instructions before use

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P308 + P313 - IF exposed or concerned: Get medical advice/attention

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor

P331 - Do NOT induce vomiting

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking

P251 - Do not pierce or burn, even after use

2.3. Other hazards

2.26% of the mixture consists of ingredient(s) of unknown toxicity.

17.26 % of the mixture consists of component(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 naphthenic	265-155-0	64742-52-5	30 - 40%	Carc. 1B (H350)	05-2115856849-23-000
Benzin	232-443-2	8030-30-6	30 - 40%	Muta. 1B (H340) Carc. 1B (H350) Asp. Tox. 1 (H304)	None Required
Petroleum distillates, hydrotreated light	265-149-8	64742-47-8	0 - 10%	Asp. Tox. 1 (H304)	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 removing all contaminated clothes and

shoes.

Ingestion Do not induce vomiting without medical advice. Consult a physician. If vomiting occurs, keep head below hips to prevent aspiration.

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

Water spray or fog. Dry chemical. Carbon dioxide (CO₂). Foam. 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**

Contents under pressure. Do not puncture, crush or incinerate cans. Do not stick pin or any other sharp object into opening on top of can. Keep away from open flames, hot surfaces and sources of ignition. Do not breathe vapors or spray mist. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

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

Store containers below 120° F (49° C). Keep out of the reach of children. Store in cool/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	Italy	Portugal	Netherlands	Finland	Denmark
Benzin 8030-30-6	-	TWA: 400 ppm	-		
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Benzin 8030-30-6	-	TWA: 500 ppm TWA: 2000 mg/m ³	NDSch: 1500 mg/m ³ NDS: 500 mg/m ³		TWA: 1590 mg/m ³ TWA: 400 ppm

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 Aerosol
Color Black
Odor No other information available
Odor Threshold No other information available

Property**Values****Remarks • Method**

pH No other information available
Melting point / freezing point No other information available
Boiling Point/Range No other information available
Flash Point -60 °C
Evaporation Rate No other information available

Flammability (solid, gas)	No other information available
Flammability Limit in Air	
Upper flammability limit:	9.5
Lower flammability limit:	0.8
Vapor pressure	No other information available
Vapor Density	> 1
Relative density	No other information available
Water Solubility	No other information available
Solubility in other solvents	No other information available
Partition coefficient	No other information available
Autoignition Temperature	240 °C
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 other information 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.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 5,000.00
ATEmix (dermal) 2,625.00

Unknown acute toxicity

100% of the mixture consists of ingredient(s) of unknown toxicity.
 51.71 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
 51.71 % 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).
 100 % 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 naphthenic	Carc. 1B
Benzin	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 17.26 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Freshwater Fish	Water Flea
Petroleum distillates, hydrotreated heavy naphthenic	-	5000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 h Daphnia magna mg/L EC50
Benzin	4700: 72 h Pseudokirchneriella subcapitata mg/L EC50	9.2: 96 h Lepomis macrochirus mg/L LC50 static	
Petroleum distillates, hydrotreated light	-	2.2: 96 h Lepomis macrochirus mg/L LC50 static 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static 45: 96 h Pimephales promelas mg/L LC50 flow-through	4720: 96 h Den-dronereides heteropoda mg/L LC50

12.2. Persistence and degradability

No other information available.

12.3. Bioaccumulative potential

No other information available.

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	UN1950
14.2 Proper Shipping Name	Aerosols
14.3 Hazard Class	2
14.4 Packing Group	Not Regulated
Description	UN1950 Aerosols, 2
14.5 Marine Pollutant	Not applicable
14.6 Special Provisions	190, 277, 327, 344, 63, 959
EmS No.	F-D, S-U
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	UN1950
14.2 Proper Shipping Name	Aerosols
14.3 Hazard Class	2.2
ADR/RID-Labels	6.1
14.4 Packing Group	Not Regulated
Description	UN1950 Aerosols , 2.2 (6.1)
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None
Classification Code	5T

ADR

14.1 UN-No	UN1950
14.2 Proper Shipping Name	Aerosols
14.3 Hazard Class	2.1
ADR/RID-Labels	6.1
14.4 Packing Group	Not Regulated
Description	UN1950 Aerosols , 2.1 (6.1), (D)
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	190, 327, 625
Classification Code	5TF
Tunnel restriction code	(D)

IATA

14.1 UN-No	UN1950
14.2 Proper Shipping Name	Aerosols, flammable, containing substances in Division 6.1, Packing Group III mixture
14.3 Hazard Class	2.1
Subsidiary Class	6.1
14.4 Packing Group	Not Regulated
Description	UN1950 Aerosols, flammable, containing substances in Division 6.1, Packing Group III mixture, 2.1 (6.1)
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	A145, A167
ERG Code	10P

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

H304 - May be fatal if swallowed and enters airways

H350 - May cause cancer

H340 - May cause genetic defects

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