

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 W00801B
Product Name SWEPCO 801 Clear Penetrating Lubricant (Bulk)

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

2.2. Label elements

Product Identifier
SWEPCO 801 Clear Penetrating Lubricant (Bulk)

2.3. Other hazards

4.5% of the mixture consists of ingredient(s) of unknown toxicity.
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.	REACH registration number
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				1272/2008 [CLP]	
1,3,4-Thiadiazole, 2,5-bis(octyldithio)-	236-912-2	13539-13-4	0 - 10%	No data available	None Required
Diocetyl disulphide	212-494-7	822-27-5	0 - 10%	No data available	None Required
Benzenamine, 2-ethyl-N-(2-ethylphenyl)-, (tripropenyl) derivatives	271-800-7	68608-77-5	0 - 10%	No data available	None Required
Petroleum distillates, hydrotreated heavy paraffinic	265-157-1	64742-54-7	70 - 80%	Carc. 1B (H350)	05-2115856970-36-000
n-Amyl acetate	211-047-3	628-63-7	10 - 20%	(EUH066) Flam. Liq. 3 (H226)	None Required
Carbamodithioic acid, dibutyl-, methylene ester	233-593-1	10254-57-6	0 - 10%	No data available	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.
Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
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.

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
n-Amyl acetate 628-63-7		STEL: 100 ppm TWA: 270 mg/m ³ TWA: 50 ppm STEL: 541 mg/m ³	TWA: 50 ppm TWA: 270 mg/m ³ STEL: 100 ppm STEL: 540 mg/m ³	VLA-EC: 100 ppm VLA-EC: 540 mg/m ³ VLA-EC VLA-ED: 50 ppm VLA-ED: 270 mg/m ³ VLA-ED	-
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
n-Amyl acetate 628-63-7	TWA: 270 mg/m ³ TWA: 50 ppm	STEL: 100 ppm TWA: 50 ppm	STEL: 530 mg/m ³	TWA: 270 mg/m ³ TWA: 50 ppm STEL: 100 ppm STEL: 540 mg/m ³	TWA: 266 mg/m ³ TWA: 50 ppm
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
n-Amyl acetate 628-63-7	STEL: 100 ppm STEL; 540 mg/m ³ STEL MAK: 50 ppm MAK;	STEL: 50 ppm STEL: 260 mg/m ³	NDSch: 500 mg/m ³ NDS: 250 mg/m ³		TWA: 270 mg/m ³ TWA: 50 ppm STEL: 100 ppm

	270 mg/m ³ MAK			STEL: 540 mg/m ³
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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

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 40 °C

Evaporation Rate No other information available

Flammability (solid, gas) No other information available

Flammability Limit in Air

Upper flammability limit: 6.0

Lower flammability limit: 1.0

Vapor pressure No other information available

Vapor Density > 1

Relative density 0.86

Water Solubility No other information available

Solubility in other solvents No other information available

Partition coefficient No other information available

Autoignition Temperature 227 °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 productsHydrocarbons. 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**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

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
n-Amyl acetate	-	650: 96 h Lepomis macrochirus mg/L LC50 static	

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	UN1993
14.2 Proper Shipping Name	Flammable liquid, n.o.s.
14.3 Hazard Class	3
14.4 Packing Group	III
Description	UN1993, Flammable liquid, n.o.s.(Petroleum distillates, hydrotreated heavy naphthenic,Solvent naphtha (petroleum), medium aliphatic),3,PG III
14.5 Marine Pollutant	Not applicable
14.6 Special Provisions	None
EmS No.	F-E, _S-E_
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	UN1993
14.2 Proper Shipping Name	Not Regulated
14.3 Hazard Class	3
ADR/RID-Labels	3
14.4 Packing Group	III

14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None
Classification Code	F1

ADR

14.1 UN-No	UN1993
14.2 Proper Shipping Name	Not Regulated
14.3 Hazard Class	3
ADR/RID-Labels	3
14.4 Packing Group	III
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None
Classification Code	F1

IATA

14.1 UN-No	UN1993
14.2 Proper Shipping Name	Flammable liquid, n.o.s.*
14.3 Hazard Class	3
14.4 Packing Group	III
Description	UN1993, Flammable liquid, n.o.s.* (Petroleum distillates, hydrotreated heavy naphthenic, Solvent naphtha (petroleum), medium aliphatic), 3, PG III
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

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