



Safety Data Sheet
164 Ultra EP Open Gear Lube

SDS Revision Date: 23/1/2026

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

1.1. Product identifier

Product Identity 164 Ultra EP Open Gear Lube
Alternate Names 164
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: 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
Homepage: www.stratson.nl
SWEPCO lubes: www.swepcolube.com

Section 2. Hazard identification of the product

2.1. Classification of the substance or mixture

REGULATIONS (EU) 2024/2865 , (EU) 2023/707, (EU) 2020/878 amending Regulations EU



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**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).**

Skin Irrit. 2;H315

Causes skin irritation.

No applicable CLP categories.

2.2. Label elements

No applicable CLP categories.



Warning

H315 Causes skin irritation.

P280 Wear protective gloves, eye protection, and face protection.

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P264 Wash thoroughly after handling.

P332+313 If skin irritation occurs: Get medical attention.

2.3. Other hazards



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This product contains no PBT/vPvB/vPvM 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 light naphthenic CAS Number: 64742-53-6 EC No. 265-156-6 Index No.: 649-466-00-2 REACH #: 01-2119480375-34	25 - 45	Not Classified	L [^] CLP 3.1
Calcium carbonate CAS Number: 471-34-1 EC No. 207-439-9 REACH #: 01-2119486795-18	10 - 15	Not Classified	
Polybutene CAS Number: 9003-29-6 EC No. 500-004-7 REACH #: 01-2119493067-32	10 - 20	Asp. Tox. 1;H304 Skin Irrit. 2;H315	
Distillates (petroleum), hydrotreated heavy naphthenic; Base Oil-unspecified CAS Number: 64742-52-5 EC No. 265-155-0 Index No.: 649-465-00-7 REACH #: 01-2119467170-45	4 - 7	Not Classified	L [^] CLP 3.1
Graphite CAS Number: 7782-42-5 EC No. 231-955-3	1 - 4	Not Classified	

[^]CLP³¹ 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.



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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** DO NOT INDUCE VOMITING! If swallowed, vomiting may occur spontaneously. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Rinse mouth thoroughly. Get medical attention.

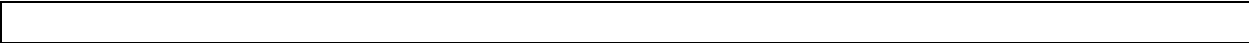
4.2. Most important symptoms and effects, both acute and delayed

Overview If material enters lungs, signs and symptoms may include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever. The onset of respiratory symptoms may be delayed for several hours after exposure. Oil acne/folliculitis signs and symptoms may include formation of black pustules and spots on the skin of exposed areas. Ingestion may result in nausea, vomiting and/or diarrhea. No chronic toxicity or long term toxicity information available. Treat symptomatically. See section 2 for further details.

Skin Causes skin irritation.

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 occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.





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Section 5. Fire-fighting measures

5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.
Unsuitable extinguishing media: Do not use; water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds.

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 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).
Wash thoroughly after handling.

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.

6.3. Methods and material for containment and cleaning up

Slippery when spilled. Avoid accidents, clean up immediately. Prevent from spreading by



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making a barrier with sand, earth or other containment material. Reclaim liquid directly or in an absorbent. Soak up residue with an absorbent such as clay, sand or other suitable material and dispose of properly.

Local authorities should be advised if significant spillages cannot be contained.

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.

Avoid prolonged or repeated contact with skin. Avoid inhaling vapor and/or mists. When handling product in drums, safety footwear should be worn and proper handling equipment should be used. Properly dispose of any contaminated rags or cleaning materials to prevent fires. Keep container tightly closed and in a cool, well-ventilated place. Use properly labeled and closeable containers.

This material has the potential to be a static accumulator. Proper grounding and bonding procedures should be used during all bulk transfer operations.

Use product with caution around heat, sparks, pilot lights, static electricity and open flame.

Wear protective gloves, eye protection, and face protection.

7.2. Conditions for safe storage, including any incompatibilities

Storage Temperature: -50 - 50C (-58 - 122F)

For containers or container linings, use mild steel or high-density polyethylene.

Do not use PVC.

Incompatible materials: No available information

7.3. Specific end use(s)

No available information



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Section 8. Exposure controls / personal protection

8.1. Control parameters

Exposure Limits

CAS No.	Ingredient	Source	Value
471-34-1	Calcium carbonate	ACGIH	No Established Limit
		DNEL Local Exposure	6.36 mg/m ³
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit
7782-42-5	Graphite	ACGIH	TWA: 2 mg/m ³ (R) Respirable fraction
		DNEL Local Exposure	1.2 mg/m ³
		DNEL Systematic Exposure	1.2 mg/m ³
		National	No Established Limit
9003-29-6	Polybutene	ACGIH	No Established Limit
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit
64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic; Base Oil-unspecified	ACGIH	No Established Limit
		DNEL Local Exposure	5.58 mg/m ³
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic	ACGIH	No Established Limit
		DNEL Local Exposure	5.58 mg/m ³
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit

Contains mineral oil. The exposure limits for oil mist are 5 mg/m³OSHA PEL and 5 mg/m³ACGIH.

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** Skin protection is not required under normal conditions of use. Use chemical resistant gloves classified under Standard EN 374: Protective gloves against chemicals and micro-organisms. Recommended: Viton or Nitrile gloves. When prolonged or frequently repeated contact may occur, a



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glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and considers the particular conditions of use, as included in the user's risk assessment. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier. Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

- 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	Lubricating Grease
Color	Semi Solid, Gray Colored
Odor	None
Odor threshold	No available information
Melting point / freezing point	ASTM D 2265 300C
Initial boiling point and boiling range	No available information
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: 0.9



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Flash Point	Upper Explosive Limit: 7.0
Auto-ignition temperature	COC open Cup
Decomposition temperature	330C
pH	No available information
Viscosity (cSt)	No available information
Solubility in Water	No available information
Partition coefficient n-octanol/water (Log Kow)	Non-Emulsifier
Vapor pressure (Pa)	No available information
Relative Density	No available information
Vapor Density	1.1
	>5
Evaporation rate (Ether = 1)	Nil
VOC Content	0

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

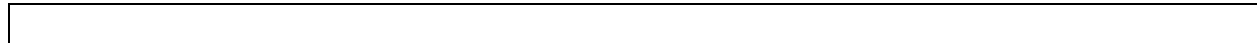
Avoid temperatures exceeding the flash point. Contact with incompatible materials.

10.5. Incompatible materials

No available information

10.6. Hazardous decomposition products

Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds.





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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
Calcium carbonate - (471-34-1)	>2,000.00, Rat - Category: 5	>2,000.00, Rat - Category: 5	No data available.	No data available.	No data available.
Graphite - (7782-42-5)	> 2,000.00, Rat - Category: 4	No data available.	No data available.	> 2,000.00, Rat - Category: NA	No data available.
Polybutene - (9003-29-6)	>10,000.00, Rat - Category: NA	No data available.	No data available.	No data available.	No data available.
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 (petroleum), hydrotreated light naphthenic - (64742-53-6)	> 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	2	Causes skin irritation.
Serious eye damage/irritation	---	---
Respiratory sensitization	---	---



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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

Poorly soluble mixture. May cause physical fouling of aquatic organisms. Expected to be harmful: LL/EL/IL50 10-100 mg/l (to aquatic organisms) LL/EL50 expressed as the nominal amount of product required to prepare aqueous test extract.

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 %
Calcium carbonate - (471-34-1)	>100.00, Oncorhynchus mykiss	>100.00, Daphnia magna	No data available.	>1,000.00	90.00
Graphite - (7782-42-5)	100.00, Danio rerio	> 100.00, Daphnia magna	> 100.00, Pseudokirchnerella subcapitata	> 1,012.50	---
Polybutene - (9003-29-6)	>10,000.00, Leuciscus idus	>100.00, Daphnia magna	>100.00, Pseudokirchneriella subcapitata	---	93.90
Distillates (petroleum), hydrotreated heavy naphthenic; Base Oil- unspecified - (64742-52-5)	5,000.00, Oncorhynchus	1,000.00, Daphnia magna	1,000.00, Scenedesmus subspicatus	---	---



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Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l	3hr IC50 Bacteria mg/l	Biodegradability %
	mykiss				
Distillates (petroleum), hydrotreated light naphthenic - (64742-53-6)	No data available.	No data available.	No data available.	---	---

12.2. Persistence and degradability

Expected to be not readily biodegradable. Major constituents are expected to be inherently biodegradable, but the product contains components that may persist in the environment.

12.3. Bioaccumulative potential

Contains components with the potential to bioaccumulate.

12.4. Mobility in soil

Liquid under most environmental conditions. If it enters soil, it will adsorb to soil particles and will not be mobile. Floats on water.

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

ADR/RID

IMO / IMDG (Ocean Transportation)

ICAO/IATA



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14.1. UN number	Not Regulated	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	Class: Not Applicable Sub Class: Not Applicable	Class: Not Applicable Sub Class: Not Applicable	Class: Not Applicable Sub Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable

14.5. Environmental hazards

IMDG 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

REGULATIONS (EU) 2024/2865 , (EU) 2023/707, (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).

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:

Distillates (petroleum), hydrotreated heavy naphthenic; Base Oil-unspecified (Use



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restricted. See item 28. (L)

Distillates (petroleum), hydrotreated light naphthenic (Use restricted. See item 28. (L))

Polybutene (See item 3. (liquid))

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 be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

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

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

ACGIH - American Conference of Governmental Industrial Hygienists

ADR - International Carriage of Dangerous Goods by Road (Accord Dangereux Routier)

CAS - Chemical Abstracts Service

CLP - Classification Labeling and Packaging

DOT - Department of Transportation

EC - European Commission



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- EC50 - Half maximal effective concentration
- ErC50 - EC50 in terms of reduction of growth rate
- GHS - Globally Harmonized System
- IARC - International Agency for Research on Cancer
- IATA - International Air Transport Association
- IC50 - Half Maximal Inhibitory Concentration
- ICAO - International Civil Aviation Organization
- IMDG - International Maritime Dangerous Goods Code
- IMO - International Maritime Organization
- LC50 - Lethal Concentration of a substance at which 50% of test animals die
- LD50 - 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]

No applicable GHS categories.	Classification	Justification
Skin Irrit. 2;H315		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 with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders



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