



Safety Data Sheet
165 MolyXP Universal Extreme Pressure
Grease

SDS Revision Date:
25/4/2024

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

1.1. Product identifier

Product Identity 165 MolyXP Universal Extreme Pressure Grease
Alternate Names 165
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:

1.4. Emergency telephone number

Emergency
24 hour Emergency Telephone No. 734 930-0009

Polluxstraat 11 Telefoon: +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



Safety Data Sheet
165 MolyXP Universal Extreme Pressure
Grease

SDS Revision Date:
25/4/2024

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

2.2. Label elements

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

2.3. Other hazards

This product contains no PBT/vPvB 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 %	Classification according to regulation EC No. 1272/2008*	Notes
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil-unspecified CAS Number: 64742-52-5 EC No. 265-155-0 Index No.: 649-465-00-7 REACH #: 01-2119467170-45	45 - 65	Not Classified	^L ^CLP 3.1
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
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	
Graphite CAS Number: 7782-42-5 EC No. 231-955-3	1 - 4	Not Classified	

^L ^CLP 3.1 Reference EC No. 1272/2008 1.1.3.1. Notes relating to the identification,



Safety Data Sheet
165 MolyXP Universal Extreme Pressure
Grease

SDS Revision Date:
25/4/2024

classification and labelling of substances (Table 3.1).

*PBT/vPvB - PBT-substance or vPvB-substance.

Product meets IP 346 criteria of less than 3 percent DMSO extractable PAH's and are not considered carcinogens by IARC, NTP or OSHA.

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 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. Treat symptomatically. Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.



Safety Data Sheet
165 MolyXP Universal Extreme Pressure
Grease

SDS Revision Date:
25/4/2024

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation, and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. 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, 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 the 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).



Safety Data Sheet
165 MolyXP Universal Extreme Pressure
Grease

SDS Revision Date:
25/4/2024

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 it from spreading by 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 mist. 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.

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.



Safety Data Sheet
165 MolyXP Universal Extreme Pressure
Grease

SDS Revision Date:
25/4/2024

Incompatible materials: Strong oxidizing agents and acids.

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
7782-42-5	Graphite	ACGIH	TWA: 2 mg/m ³
		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; Baseoil-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



Safety Data Sheet
165 MolyXP Universal Extreme Pressure
Grease

SDS Revision Date:
25/4/2024

	must use the appropriate, certified respirators.
Eyes	Protective safety glasses recommended
Skin	Skin protection is not required under normal conditions of use.
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.

See section 2 for further details.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	Lubricating Grease
Color	Semi Solid Black, viscous gel
Odor	None
Melting point / freezing point	315 C
Initial boiling point and boiling range	No available information
Flammability (solid, gas)	No available information
Upper/lower flammability or explosive limits	Lower Explosive Limit:0.9 Upper Explosive Limit:7.0
Flash Point	°F °C, Test method: (Open/Close cup)
Auto-ignition temperature	330 C
Decomposition temperature	No available information
pH	7.8
Viscosity (cSt)	No available information
Solubility in Water	Not miscible in water.
Partition coefficient n-octanol/water (Log Kow)	No available information
Vapor pressure (Pa)	No available information
Relative Density	0.95
Vapor Density	>5
Evaporation rate (Ether = 1)	Nil



Safety Data Sheet
165 MolyXP Universal Extreme Pressure
Grease

SDS Revision Date:
25/4/2024

VOC Content 0.0001

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

Excessive heat and open flame.

10.5. Incompatible materials

Strong oxidizing agents and acids.

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.

Section 11. Toxicological information

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

Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation, and possible non-allergic contact dermatitis.



Safety Data Sheet
165 MolyXP Universal Extreme Pressure
Grease

SDS Revision Date:
25/4/2024

Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

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
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; Baseoil-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	---	---
Serious eye damage/irritation	---	---
Respiratory sensitization	---	---
Skin sensitization	---	---
Germ cell mutagenicity	---	---
Carcinogenicity	---	---
Reproductive toxicity	---	---
STOT-single exposure	---	---
STOT-single exposure	165 (Unknown)	165 (Unknown)
STOT-repeated exposure	165 (Unknown)	165 (Unknown)
Aspiration hazard	---	---



Safety Data Sheet
165 MolyXP Universal Extreme Pressure
Grease

SDS Revision Date:
25/4/2024

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 %
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, Pseudokirchnerella subcapitata	---	93.90
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil-unspecified - (64742-52-5)	5,000.00, Oncorhynchus mykiss	1,000.00, Daphnia magna	1,000.00, Scenedesmus subspicatus	---	---
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 soil particles



Safety Data Sheet
165 MolyXP Universal Extreme Pressure
Grease

SDS Revision Date:
25/4/2024

and will not be mobile. Floats on water.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB 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
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)	DOT Hazard Class: Not Applicable Sub Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air class: Not Applicable Sub Class : Not Applicable
14.4. Packing group	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



Safety Data Sheet
165 MolyXP Universal Extreme Pressure
Grease

SDS Revision Date:
25/4/2024

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, labeling and packaging of substances and mixtures (CLP).

National Legislation

None noted.

SVHC Ingredient: 165 (Unknown)

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: 165 (Unknown)

Distillates (petroleum), hydrotreated heavy naphthenic; Base oil-unspecified (Use restricted. See item 28. (L))

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

15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out.

Section 16. Other information

SDS Revision Date

25/4/2024

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



Safety Data Sheet
165 MolyXP Universal Extreme Pressure
Grease

SDS Revision Date:
25/4/2024

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 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



Safety Data Sheet
165 MolyXP Universal Extreme Pressure
Grease

SDS Revision Date:
25/4/2024

TWA - Time Weighted Average
vPvB - Very Persistent and very Bio-accumulative
WGK - Water Hazard Class
{16Abbev2}

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

No applicable GHS categories.Classification	Justification
165 (Unknown)	Calculation method
165 (Unknown)	Calculation method
165 (Unknown)	Calculation method
165 (Unknown)	Calculation method
165 (Unknown)	Calculation method

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