



210 Multi-Grade Gear Lube

SDS Revision Date: 09/20/2021

## 1. Identification

Product identifier

Product Identity 210 Multi-Grade Gear Lube

Other means of identification 210

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

See Technical Data Sheet.

Details of the supplier of the safety data sheet

Company Name: : Southwestern Petroleum Lubricants LLC  
3401 Quorum Drive Suite 360  
Fort Worth, Texas 76137

Emergency: 800-433-5735

1.4. Emergency telephone number: 734-930-0009

Emergency: numbers call Chemtrec 24/7 USA and  
Canada 1-800-424-9300 or 1-703-527-3887

Customer Service:

## 2. Hazard(s) identification

Classification of the substance or mixture

Skin Irrit. 3;H316 Causes mild skin irritation. (This category was not adopted by Canada)

Carc. 1B;H350

May cause cancer.

Label elements



Danger

H316 Causes mild skin irritation.

H350 May cause cancer.

**[Prevention]:**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves, eye protection, face protection.

**[Response]:**

P308+313 IF exposed or concerned: Get medical advice or attention.

P332+313 IF SKIN IRRITATION OCCURS: Get medical advice or attention.

**[Storage]:**

P405 Store locked up.

**[Disposal]:**

P501 Dispose of contents or container in accordance with local and national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the Hazardous Products Regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Distillate (petroleum) hydrotreated heavy naphthenic CAS Number: 0064742-52-5 Synonyms: Distillate (petroleum) hydrotreated heavy naphthenic, Distillates (petroleum), hydrotreated heavy naphthenic; baseoil-unspecified, Polymer binders and adhesive, Petroleum distillates, hydrotreated heavy naphthenic	40 - 70	Asp. Tox. 1;H304	----
Distillates (petroleum), hydrotreated heavy paraffinic CAS Number: 0064742-54-7 Synonyms: Distillates (petroleum), hydrotreated heavy paraffinic, Distillates (petroleum), hydrotreated heavy paraffinic; baseoil-unspecified, Petroleum distillates, hydrotreated heavy paraffinic	15 - 40	Carc. 1B;H350	----
Polybutene CAS Number: 0009003-29-6 Synonyms: Polybutene	7 - 13	Asp. Tox. 1;H304 Skin Irrit. 2;H315	----

The actual concentration or concentration range is withheld as a trade secret.

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

The full texts of the phrases are shown in Section 16.

#### Section 4. First aid measures

##### 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.
Eyes	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	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

#### Most important symptoms and effects, both acute and delayed

**Overview** Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 3 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure.

Treat symptomatically. Exposure to solvent vapour 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. 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.

**Skin** Causes mild skin irritation. (This category was not adopted by Canada)

### Section 5. Fire-fighting measures

#### Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.

Unsuitable extinguishing media: Do not use; water jet.

#### Special hazards arising from the substance or mixture

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

#### 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

#### Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

#### Environmental precautions

Do not allow spills to enter drains or waterways.

#### Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapours. Take the personal protective measures listed in section 8. Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

### Section 7. Handling and storage

#### Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

See section 2 for further details. - [Prevention]:

#### Conditions for safe storage, including any incompatibilities

Incompatible materials: Strong oxidizing agents and acids.

See section 2 for further details. - [Storage]:

Specific end use(s)

No available information

Section 8. Exposure controls / personal protection

Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0009003-29-6	Polybutene	ACGIH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit

		Saskatchewan	No Established Limit
		Yukon	No Established Limit
0064742-52-5	Distillate (petroleum) hydrotreated heavy naphthenic	ACGIH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit
0064742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic	ACGIH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit

		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit

Contains mineral oil. The exposure limits for oil mist are 5 mg/m<sup>3</sup> OSHA PEL and 10 mg/m<sup>3</sup> ACGIH.

#### 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	Avoid skin contact. Protective gloves recommended.
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapour 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

Appearance	Oily Red Liquid
Odour	None
Odour threshold	No available information
pH	7.1
Melting point / freezing point	No available information
Initial boiling point and boiling range	No available information
Flash Point	°F °C, Test method: (Open cup)
Evapouration rate (Ether = 1)	none
Flammability (solid, gas)	No available information
Upper/lower flammability or explosive limits	<b>Lower Explosive Limit: 0.9</b> <b>Upper Explosive Limit: 7.0</b>
Vapour pressure (Pa)	No available information
Vapour Density	>5
Relative Density	0.89
Solubility in Water	Not miscible in water.
Partition coefficient n-octanol/water (Log Kow)	No available information
Auto-ignition temperature	260 C
Decomposition temperature	No available information
Viscosity (cSt)	No available information
VOC Content	none
Other information	
DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)	

## Section 10. Stability and reactivity

### Reactivity

Hazardous Polymerization will not occur.

### Chemical stability

Stable under normal circumstances.

### Possibility of hazardous reactions

No available information

### Conditions to avoid

Excessive heat and open flame.

### Incompatible materials

Strong oxidizing agents and acids.

### Hazardous decomposition products

High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

## Section 11. Toxicological information

### Acute toxicity

Exposure to solvent vapour 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. 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
Distillate (petroleum) hydrotreated heavy naphthenic - (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 heavy paraffinic - (64742-54-7)	> 5,000.00, Rat - Category: NA	> 5,000.00, Rabbit - Category: NA	No data available	No data available	No data available
Polybutene - (9003-29-6)	> 10,000, Rat - Category: NA	No data available	No data available	No data available	No data available

#### Carcinogen Data

CAS No.	Ingredient	Source	Value
0009003-29-6	Polybutene	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0064742-52-5	Distillate (petroleum) hydrotreated heavy naphthenic	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0064742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
Classification		Category	Hazard Description
Acute toxicity (oral)		---	Not Applicable

Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	3	Causes mild skin irritation. (This category was not adopted by Canada)
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	1B	May cause cancer.
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

Possible routes of entry:

**Symptoms and effects, both acute and delayed::**

Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 3 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure.

Treat symptomatically.

Skin Causes mild skin irritation. (This category was not adopted by Canada)

Section 12. Ecological information

Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Distillate (petroleum) hydrotreated heavy naphthenic - (64742-52-5)	5,000.00, Oncorhynchus mykiss	1,000.00, Daphnia magna	1,000.00 (96 hr), Scenedesmus subspicatus
Distillates (petroleum), hydrotreated heavy paraffinic - (64742-54-7)	101.00, Pimephales promelas	> 10,000, Daphnia magna	100.00 (72 hr), Pseudokirchneriella subcapitata
Polybutene - (9003-29-6)	> 10,000, Leuciscus idus	101.00, Daphnia magna	101.00 (72 hr), Pseudokirchneriella subcapitata

#### Persistence and degradability

There is no data available on the preparation itself.

#### Bioaccumulative potential

No available information

#### Mobility in soil

No available information

#### Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

#### Other adverse effects

No available information

### Section 13. Disposal considerations

#### Waste treatment methods

Observe all federal, provincial and local regulations when disposing of this substance.

## Section 14. Transport information

Classification Method: Classified as per Part 2, Sections 2.1 ? 2.8 of the Transportation of Dangerous Goods Regulations.

	TDG (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number	Not Regulated	Not Regulated	Not Regulated
UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
Transport hazard class(es)	<b>TDG Hazard Class:</b> Not Applicable	<b>IMDG:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Air Class:</b> Not Applicable
Packing group	Not Applicable	Not Applicable	Not Applicable
Environmental hazards			
IMDG	Marine Pollutant: No;		
Special precautions for user	No available information		

## Section 15. Regulatory information

This product has been classified in accordance with the hazard criteria Hazardous Products Regulations (SOR/2015-17) and the SDS contains all of the information required by those regulations.

### Canadian Domestic Substance List (DSL):

2-naphthalenol

Distillate (petroleum) hydrotreated heavy naphthenic

Distillates (petroleum), hydrotreated heavy paraffinic

Ethyl Benzene

Polybutene

Solvent B-2

**Canadian Non-Domestic Substance List (NDSL):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Section 16. Other information
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SDS Revision Date        09/20/2021

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.

H350 May cause cancer.

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