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Safety Data Sheet    SDS Revision  
164 Ultra EP Open Gear    Date:  
Lube    23 January, 2026

## Label elements



### Warning

H315 Causes skin irritation.

#### **[Prevention]:**

P264 Wash thoroughly after handling.

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

#### **[Response]:**

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

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

P362+364 Take off contaminated clothing and wash it before reuse.

#### **[Storage]:**

No GHS storage statements

#### **[Disposal]:**

No GHS disposal statements

## Other hazards

This product contains no PBT/vPvB/vPvM chemicals.

This product contains no endocrine disrupting chemicals.



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Does NOT contain component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS) per the US EPA PFASMASTER combined list of PFAS chemicals.

**Section 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
Distillates (petroleum), hydrotreated light naphthenic CAS Number: 64742-53-6 Synonyms: Distillates (petroleum), hydrotreated light naphthenic; Base Oil-unspecified	30 - 60	Not Classified	----
Calcium carbonate CAS Number: 471-34-1 Synonyms: No available information	7 - 13	Not Classified	----
Polybutene CAS Number: 9003-29-6 Synonyms: No available information	7 - 13	Asp. Tox. 1;H304 Skin Irrit. 2;H315	----
Distillates (petroleum), hydrotreated heavy naphthenic; Base Oil-unspecified CAS Number: 64742-52-5 Synonyms: Distillate (petroleum) hydrotreated heavy naphthenic, Polymer Binders and Adhesive	3 - 7	Not Classified	----
Graphite CAS Number: 7782-42-5 Synonyms: No available information	0.5 - 1.5	Not Classified	----

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

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

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

**Section 4. First aid measures**

**Description of first aid measures**



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- 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** 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.

**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**    It may cause skin irritation.

**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**





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**Precautions for safe handling**

Handle containers carefully to prevent damage and spillage. Avoid prolonged or repeated contact with skin. Avoid inhaling vapour 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.

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

**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

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

**Specific end use(s)**

No available information

**Section 8. Exposure controls / personal protection**

**Control parameters**

**Exposure Limits**

CAS No.	Ingredient	Source	Value
471-34-1	Calcium carbonate	ACGIH	No Established Limit
		Alberta	10 mg/m <sup>3</sup> TWA
		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



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CAS No.	Ingredient	Source	Value
		Northwest Territories	10 mg/m <sup>3</sup> TWA (listed under Limestone) 20 mg/m <sup>3</sup> STEL (listed under Limestone)
		Nunavut	10 mg/m <sup>3</sup> TWA (listed under Limestone) 20 mg/m <sup>3</sup> STEL (listed under Limestone)
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	10 mg/m <sup>3</sup> TWAEV (total dust)
		Saskatchewan	10 mg/m <sup>3</sup> TWA (listed under Limestone) 20 mg/m <sup>3</sup> STEL (listed under Limestone)
		Yukon	30 mppcf TWA; 10 mg/m <sup>3</sup> TWA 20 mg/m <sup>3</sup> STEL
7782-42-5	Graphite	ACGIH	TWA: 2 mg/m <sup>3</sup> (R) Respirable fraction
		Alberta	2 mg/m <sup>3</sup> TWA (all forms except Graphite fibres, respirable)
		British Columbia	2 mg/m <sup>3</sup> TWA (all forms except Graphite fibres, respirable)
		Manitoba	2 mg/m <sup>3</sup> TWA (all forms except Graphite fibers, respirable particulate matter)
		New Brunswick	2 mg/m <sup>3</sup> TWA (all forms except graphite fibres)
		Newfoundland and Labrador	2 mg/m <sup>3</sup> TWA (all forms except Graphite fibers, respirable particulate matter)
		Nova Scotia	2 mg/m <sup>3</sup> TWA (all forms except Graphite fibers, respirable particulate matter)
		Northwest Territories	2 mg/m <sup>3</sup> TWA (natural, all forms, except Graphite fibres, respirable fraction) 4 mg/m <sup>3</sup> STEL (natural, all forms, except Graphite fibres, respirable fraction)
		Nunavut	2 mg/m <sup>3</sup> TWA (natural, all forms, except Graphite fibres, respirable fraction) 4 mg/m <sup>3</sup> STEL (natural, all forms, except Graphite fibres, respirable fraction)
		Ontario	2 mg/m <sup>3</sup> TWA (except Graphite fibres, respirable)
		Prince Edward Island	2 mg/m <sup>3</sup> TWA (all forms except Graphite fibers, respirable particulate matter)
		Quebec	2 mg/m <sup>3</sup> TWAEV (containing no Asbestos and <1% Crystalline silica, except Graphite fibres, respi)
		Saskatchewan	2 mg/m <sup>3</sup> TWA (natural, except Graphite fibres, respirable fraction) 4 mg/m <sup>3</sup> STEL (natural, except Graphite fibres, respirable fraction)
		Yukon	20 mppcf TWA; 30 mppcf TWA (synthetic); 10 mg/m <sup>3</sup> TWA (synthetic)
9003-29-6	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



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CAS No.	Ingredient	Source	Value
64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic; Base Oil-unspecified	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
64742-53-6	Distillates (petroleum), hydrotreated light 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

Contains mineral oil. The exposure limits for oil mist are 5 mg/m<sup>3</sup>OSHA PEL and 5 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**             Skin protection is not required under normal conditions of use. Oil impervious gloves and oil impermeable apron recommended.

**Engineering Controls**    Provide adequate ventilation. Where reasonably practicable this should be achieved using local exhaust ventilation and good general extraction. If



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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**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Lubricating Grease
<b>Color</b>	Semi Solid, Gray Colored
<b>Odor</b>	None
<b>Odor threshold</b>	No available information
<b>Melting point / freezing point</b>	ASTM D 2265 300C
<b>Initial boiling point and boiling range</b>	No available information
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	Lower Explosive Limit: 0.9 Upper Explosive Limit: 7.0
<b>Flash Point</b>	COC open Cup
<b>Auto-ignition temperature</b>	330C
<b>Decomposition temperature</b>	No available information
<b>pH</b>	No available information
<b>Viscosity (cSt)</b>	No available information
<b>Solubility in Water</b>	Non-Emulsifier
<b>Partition coefficient n-octanol/water (Log Kow)</b>	No available information
<b>Vapour pressure (Pa)</b>	No available information
<b>Relative Density</b>	1.1
<b>Vapour Density</b>	>5
<b>Evaporation rate (Ether = 1)</b>	Nil
<b>VOC Content</b>	0



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**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**

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

**Incompatible materials**

No available information

**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**

**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
Distillates (petroleum), hydrotreated light naphthenic - (64742-53-6)	> 5,000.00, Rat -	> 5,000.00, Rabbit -	No data	No data available.	No data





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Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

**Possible routes of entry:**

Inhalation, ingestion, skin contact, and skin absorption.

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

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.

**Skin**                    It may cause skin irritation.

**Section 12. Ecological information**

**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
Distillates (petroleum), hydrotreated light naphthenic - (64742-53-6)	No data available.	No data available.	No data available.
Calcium carbonate - (471-34-1)	101.00, Oncorhynchus mykiss	101.00, Daphnia magna	No data available.





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

	<b>TDG (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>UN number</b>	Not Regulated	Not Regulated	Not Regulated
<b>UN proper shipping name</b>	Not Regulated	Not Regulated	Not Regulated
<b>Transport hazard class(es)</b>	<b>Class:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Class:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Class:</b> Not Applicable <b>Sub Class:</b> Not Applicable
<b>Packing group</b>	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 amended 2022-12-15) and the SDS contains all of the information required by those regulations.

**Canadian Domestic Substance List (DSL):**

Calcium carbonate

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

Distillates (petroleum), hydrotreated light naphthenic



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Graphite

Molybdenum, N,N-bis(C11-14-branched and linear alkyl)carbamodithioate oxo thioxo complexes

Polybutene

Polyethylene

Water

**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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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.



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