

**Safety Data Sheet  
WP Unity LC Red EP 2  
Grease**



Revision Date: 10/30/2024

**Section 1. Identification**

**Product identifier**

**Product Identity** WP Unity LC Red EP 2 Grease

**Other means of identification** Not Applicable

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

Lubricating grease.

**Details of the supplier of the safety data sheet**

**Company Name**

WestPier Marine & Industrial Supply Inc.  
577 Elm Street  
Port Colborne, Ontario  
L3K 4P5

**Emergency**

1-800-405-7303

**24 hour Emergency Telephone No. (Canutec): (613)-996-6666**

**Customer Service:** Bulk.OrderDesk@westpier.ca

**Section 2. Hazard(s) identification**

**Classification of the substance or mixture under US OSHA's Hazard Communication Standard (1910.1200) revised 2024 and Canadian Hazardous Products Regulations (SOR/2015-17) (GHS revision 7)**

Skin sensitizer category 1;H317

May cause an allergic skin reaction.

**Label elements**



**Warning**

H317 May cause an allergic skin reaction.

**[Prevention]**

P261 Avoid breathing dust, fume, gas, mist, vapors, spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

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

**[Response]**

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

P333+313 If skin irritation or a rash occurs: Get medical advice or attention.

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

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**[Storage]**

No GHS storage statements

**[Disposal]**

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

**Other hazards**

This product contains no PBT/vPvB chemicals.

This product contains no endocrine disrupting chemicals.

**Section 3. Composition/information on ingredients**

This product contains the following substances that present a hazard within the meaning of US OSHA's Hazard Communication Standard (1910.1200) revised 2024 and Canadian Hazardous Products Regulations (SOR/2015-17) (GHS revision 7)

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
<b>Pentene, 2,4,4-trimethyl-, sulfurized</b> CAS Number: 68515-88-8 Synonyms: No available information	0.1 - 1	Skin sensitizer category 1;H317 Aquatic toxicity (chronic), category 4;H413	-----

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**

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	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.
<b>Eyes</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>Ingestion</b>	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.
<b>Most important symptoms and effects, both acute and delayed</b>	
<b>Overview</b>	No specific symptom data available. Treat symptomatically. See section 2 for further details.
<b>Skin</b>	May cause an allergic skin reaction.

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**Section 5. Fire-fighting measures**

**Extinguishing media**

Suitable Extinguishing Media: Small Fire: Dry chemical, CO<sub>2</sub>, water spray or regular foam. Large Fire: Water spray, fog or regular foam. Move containers from fire area if you can do it without risk.

Unsuitable Extinguishing Media: Not Available

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

Hazardous decomposition: Oxides of carbon. Oxides of sulphur. Oxides of nitrogen. Oxides of phosphorus. Oxides of zinc.

Avoid breathing dust, fume, gas, mist, vapors, spray.

**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.

Fire may produce irritating, corrosive and/or toxic gases. Runoff from fire control or dilution water may cause pollution. Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

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**Section 6. Accidental release measures**

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

Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

**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.

**Methods and material for containment and cleaning up**

Stop leak if without risk. Do not flush to sewer or allow to enter waterways. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

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**Section 7. Handling and storage**

**Precautions for safe handling**

Handle containers carefully to prevent damage and spillage.

Do not swallow. Avoid breathing mist, vapours, or spray. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. See Section 8 for information on Personal Protective Equipment.

See section 2 for further details. - [Prevention]

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

Store away from incompatible materials. See Section 10 for information on Incompatible Materials. Keep out of the reach of children.

Incompatible materials: Strong Oxidizers.

See section 2 for further details. - [Storage]

**Specific end use(s)**

No data available.

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

**Control parameters**

**Exposure**

CAS No.	Ingredient	Source	Value
68515-88-8	Pentene, 2,4,4-trimethyl-, sulfurized	ACGIH	No Established Limit
		OSHA	No Established Limit
		NIOSH	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		

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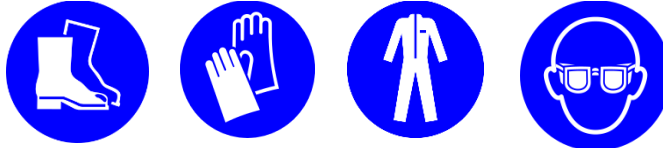
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		Yukon	No Established Limit
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### Exposure controls



- Respiratory** Not required under normal use conditions.
- Eyes** Wear chemical safety goggles. Ensure that eyewash stations and safety showers are close to the workstation location. Use equipment for eye protection that meets the standards referenced by CSA Standard CAN/CSA-Z94.3 and OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment.
- Skin** Wear protective clothing. Wear protective gloves. Consult manufacturer specifications for further information.
- Engineering Controls** Not normally required.
- 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>	Solid
<b>Color</b>	Red Solid to semi-solid.
<b>Odor</b>	Characteristic
<b>Melting point / freezing point</b>	Not Available
<b>Initial boiling point and boiling range</b>	Not Available
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not Available <b>Upper Explosive Limit:</b> Not Available
<b>Flash Point</b>	205°C
<b>Auto-ignition temperature</b>	Not Available
<b>Decomposition temperature</b>	Not Available
<b>pH</b>	Not Available
<b>Viscosity (cSt)</b>	32 cSt @ 40°C
<b>Solubility in Water</b>	Insoluble in Water.
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Available
<b>Vapor pressure (Pa)</b>	Not Available

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<b>Relative Density</b>	.861
<b>Vapor Density</b>	Not Available
<b>Evaporation rate (Ether = 1)</b>	Not Available
<b>VOC Content</b>	NIL 5.6 @100 °C

**Other information**  
No other relevant information.

**Section 10. Stability and reactivity**

**Reactivity**

Hazardous Polymerization will not occur.

**Chemical stability**

Stable under normal circumstances.

**Possibility of hazardous reactions**

No data available.

**Conditions to avoid**

Contact with incompatible materials. Exposure to heat.

**Incompatible materials**

Strong Oxidizers.

**Hazardous decomposition products**

Oxides of carbon. Oxides of sulphur. Oxides of nitrogen. Oxides of phosphorus. Oxides of zinc.

**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 Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Pentene, 2,4,4-trimethyl-, sulfurized - (68515-88-8)	No data available.	No data available.	No data available.	No data available.	No data available.

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**Carcinogen Data**

CAS No.	Ingredient	Source	Value
68515-88-8	Pentene, 2,4,4-trimethyl-, sulfurized	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	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	1	May cause an allergic skin reaction.
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:** No data available.

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

No specific symptom data available.  
Treat symptomatically.

**Skin** May cause an allergic skin reaction.

**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
Pentene, 2,4,4-trimethyl-, sulfurized - (68515-88-8)	No data available.	No data available.	No data available.

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**Persistence and degradability**

There is no data available on the preparation itself.

**Bioaccumulative potential**

Not Available

**Mobility in soil**

No data available.

**Results of PBT and vPvB assessment**

This product contains no PBT/vPvB chemicals.

**Other adverse effects**

No data available.

**Section 13. Disposal considerations**

**Waste treatment methods**

Waste should not be released to sewers. Observe all federal, state, and local regulations when disposing of this substance.

**Section 14. Transport information**

	<b>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>TDG Hazard Class:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>IMDG:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Air Class:</b> Not Applicable <b>Sub Class:</b> Not Applicable
<b>Packing group</b>	Not Applicable	Not Applicable	Not Applicable
<b>Environmental hazards</b>			
	Marine Pollutant: No;		
<b>Special precautions for user</b>	Not Applicable		



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**Section 15. Regulatory information**

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

This product has been classified in accordance with US OSHA's Hazard Communication Standard (1910.1200) revised 2024 and Canadian Hazardous Products Regulations (SOR/2015-17 amended 2022-12-15) (GHS revision 7) and the SDS contains all of the information required by those regulations.

**Toxic Substance Control Act (TSCA)**

- 1-Propene, 2-methyl-, sulfurized (UVCB )
- 2-Propanol, 1,1'-iminobis-, N-tallow alkyl derivatives (UVCB )
- Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (UVCB )
- Fatty acids, tall-oil, compds. with 4,5-dihydro-2-nortall-oil alkyl-1H-imidazole-1-ethanol (UVCB )
- Oils, animal, mixed with vegetable oils, sulfurized (UVCB )
- Paraffin oils (petroleum), catalytic dewaxed heavy; Baseoil-unspecified (UVCB )
- Pentene, 2,4,4-trimethyl-, sulfurized (UVCB )
- PHOSPHORODITHIOIC ACID, O,O-DI-C1-14-ALKYL ESTERS, (UVCB )

**EPCRA 302 Extremely Hazardous:**

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

**EPCRA 313 Toxic Chemicals:**

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

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

- Pentene, 2,4,4-trimethyl-, sulfurized

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

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

**Proposition 65 - Carcinogens (>0.0%):**

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

**Proposition 65 - Developmental Toxins (>0.0%):**

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

**Proposition 65 - Female Repro Toxins (>0.0%):**

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

**Proposition 65 - Male Repro Toxins (>0.0%):**

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

**Proposition 65 Label Warning:**

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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**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:

H317 May cause an allergic skin reaction.

H413 May cause long lasting harmful effects to aquatic life.

Disclaimer: The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

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