



SAFETY DATA SHEET CARLUBE CHAINSAW OIL

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name CARLUBE CHAINSAW OIL
Product number XPM455, XPM011

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

Identified uses Chain oil.

1.3. Details of the supplier of the safety data sheet

Supplier TETROSYL EUROPE
 79 rue du chemin vert
 59.273 Fretin
 TEL: 03 20 28 06 30
 qualite@tetrosyl-france.com

Manufacturer TETROSYL LIMITED
 Bury
 Lancashire
 England
 BL9 7NY
 0161 764 5981
 0161 797 5899
 info@tetrosyl.com

1.4. Emergency telephone number

Emergency telephone +44 (0)161 764 5981 (24 hrs)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Aquatic Chronic 3 - H412

Human health See Section 11 for additional information on health hazards.

2.2. Label elements

Hazard statements EUH208 Contains REACTION PRODUCTS OF BIS(4-METHYLPENTAN-2-YL)DITHIOPHOSPHORIC ACID WITH PHOSPHORUS OXIDE, PROPYLENE OXIDE AND AMINES, C12-14 ALKYL (BRANCHED). May produce an allergic reaction.
 H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P273 Avoid release to the environment.
 P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

Not applicable.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

DISTILLATES, HYDROTREATED HEAVY PARAFFINIC <3% DMSO EXTRACT (IP 346)	60-100%
CAS number: 64742-54-7	EC number: 265-157-1
	UK REACH registration number: UK-01-1759217276-5-0000

Classification
 Asp. Tox. 1 - H304

REACTION PRODUCTS OF BIS(4-METHYLPENTAN-2- YL)DITHIOPHOSPHORIC ACID WITH PHOSPHORUS OXIDE, PROPYLENE OXIDE AND AMINES, C12-14 ALKYL (BRANCHED)	0.1-<0.3%
CAS number: —	EC number: 931-384-6
	UK REACH registration number: UK-01-3357647710-4-0000

Classification
 Acute Tox. 4 - H302
 Eye Dam. 1 - H318
 Skin Sens. 1 - H317
 Aquatic Chronic 2 - H411

C16-18-(EVEN NUMBERED, SATURATED AND UNSATURATED)-ALKYLAMINES	0.1-<0.3%
CAS number: 1213789-63-9	EC number: 627-034-4
	UK REACH registration number: UK-01-7336349961-4-0000
M factor (Acute) = 10	M factor (Chronic) = 10

Classification
 Acute Tox. 4 - H302
 Skin Corr. 1B - H314
 Eye Dam. 1 - H318
 STOT SE 3 - H335
 STOT RE 2 - H373
 Asp. Tox. 1 - H304
 Aquatic Acute 1 - H400
 Aquatic Chronic 1 - H410

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4-METHYLPENTAN-2-OL	-<0.05
CAS number: 108-11-2	EC number: 203-551-7
Classification	
Flam. Liq. 3 - H226	
STOT SE 3 - H335	
IPA	-<0.05
CAS number: 67-63-0	EC number: 200-661-7
Classification	
Flam. Liq. 2 - H225	
Eye Irrit. 2 - H319	
STOT SE 3 - H336	
1,2,4-TRIMETHYLBENZENE	-<0.05
CAS number: 95-63-6	EC number: 202-436-9
Classification	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
STOT SE 3 - H335	
Aquatic Chronic 2 - H411	

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Remove affected person from source of contamination. Get medical attention if any discomfort continues.
Inhalation	Get medical attention if any discomfort continues.
Ingestion	Consult a physician for specific advice.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Do not rub eye.

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

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Effects may be delayed. Keep affected person under observation.
Inhalation	May cause an asthma-like shortness of breath. Vapours may cause headache, fatigue, dizziness and nausea.
Ingestion	May cause discomfort if swallowed. May cause stomach pain or vomiting. May cause nausea, headache, dizziness and intoxication.
Skin contact	Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. Allergic rash.

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Eye contact May cause temporary eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor No specific recommendations. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂). No unusual fire or explosion hazards noted.

Hazardous combustion products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon.

5.3. Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known.

Special protective equipment for firefighters Leave danger zone immediately.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

Environmental precautions Collect and dispose of spillage as indicated in Section 13.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up For waste disposal, see Section 13. Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb spillage with non-combustible, absorbent material.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. Collect and dispose of spillage as indicated in Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Do not eat, drink or smoke when using the product. Avoid the formation of mists. Provide adequate ventilation. Avoid contact with skin and eyes. Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets.

7.2. Conditions for safe storage, including any incompatibilities

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Storage precautions Keep containers upright. Store in tightly-closed, original container.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

No exposure limits known for ingredient(s).

4-METHYLPENTAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 25 ppm(Sk) 106 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 40 ppm(Sk) 170 mg/m³(Sk)

IPA

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

1,2,4-TRIMETHYLBENZENE

Long-term exposure limit (8-hour TWA): WEL 25 ppm 125 mg/m³

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit.

DISTILLATES, HYDROTREATED HEAVY PARAFFINIC <3% DMSO EXTRACT (IP 346) (CAS: 64742-54-7)

DNEL Workers - Inhalation; Long term systemic effects: 2.73 mg/m³
 Workers - Dermal; Long term systemic effects: 0.97 mg/kg
 General population - Oral; Long term systemic effects: 0.74 mg/kg
 Workers - Inhalation; Long term local effects: 5.58 mg/m³
 General population - Inhalation; Long term local effects: 1.19 mg/m³

MINERAL OIL - H304 (<3% DMSO EXTRACT, IP 346) (CAS: 64742-55-8)

DNEL Workers - Dermal; Long term systemic effects: 0.97 mg/kg
 Workers - Inhalation; Long term local effects: 5.58 mg/m³
 Workers - Inhalation; Long term systemic effects: 2.73 mg/m³
 General population - Oral; Long term systemic effects: 0.74 mg/kg
 General population - Inhalation; Long term local effects: 1.19 mg/m³

PHENOL, HEPTYL DERIVATIVES (CAS: 72624-02-3)

DNEL Workers - Dermal; Long term systemic effects: 500 mg/kg
 Workers - Dermal; Long term local effects: 0.0693 mg/cm²
 Workers - Inhalation; Long term systemic effects: 1.76 mg/m³
 General population - Dermal; Long term systemic effects: 62.5 mg/kg
 General population - Dermal; Long term local effects: 0.03465 mg/cm²
 General population - Inhalation; Long term systemic effects: 0.44 mg/m³
 General population - Inhalation; Short term systemic effects: 2.6 mg/m³
 General population - Oral; Long term systemic effects: 2.5 mg/kg
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PNEC

Fresh water; 0.00036 mg/l
 marine water; 0.000036 mg/l
 Sediment (Freshwater); 0.09 mg/kg
 Sediment (Marinewater); 0.009 mg/kg
 Soil; 0.018 mg/kg
 STP; 0.58 mg/l

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended.

Other skin and body protection

Wear suitable protective clothing as protection against splashing or contamination.

Hygiene measures

Use engineering controls to reduce air contamination to permissible exposure level.

Respiratory protection

No specific recommendations.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Brown.
Odour	Characteristic.
Odour threshold	Not determined.
pH	Not determined.
Melting point	Not determined.
Initial boiling point and range	>250°C @ 1013 hPa
Flash point	205°C
Evaporation rate	Not determined.
Upper/lower flammability or explosive limits	Not determined.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	0.885g/cm ³ @ 20°C
Solubility(ies)	Insoluble in water.

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Partition coefficient	Not determined.
Auto-ignition temperature	Not determined.
Decomposition Temperature	Not determined.
Viscosity	200-240 mm ² /s @ 40°C
Oxidising properties	Not determined.

9.2. Other information

Other information	None.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	No particular stability concerns.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not applicable.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.
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10.5. Incompatible materials

Materials to avoid	Strong oxidising agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	No information available.
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Acute toxicity - oral

Summary	Based on available data the classification criteria are not met.
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Acute toxicity - dermal

Summary	Based on available data the classification criteria are not met.
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Acute toxicity - inhalation

Summary	Based on available data the classification criteria are not met.
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Skin corrosion/irritation

Summary	Based on available data the classification criteria are not met.
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Serious eye damage/irritation

Summary	Based on available data the classification criteria are not met.
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Respiratory sensitisation

Summary	Based on available data the classification criteria are not met.
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Skin sensitisation

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Summary	Based on available data the classification criteria are not met.
<u>Germ cell mutagenicity</u>	
Summary	Based on available data the classification criteria are not met.
<u>Carcinogenicity</u>	
Summary	Based on available data the classification criteria are not met.
<u>Reproductive toxicity</u>	
Summary	Based on available data the classification criteria are not met.
<u>Specific target organ toxicity - single exposure</u>	
Summary	Based on available data the classification criteria are not met.
<u>Specific target organ toxicity - repeated exposure</u>	
Summary	Based on available data the classification criteria are not met.
<u>Aspiration hazard</u>	
Summary	Based on available data the classification criteria are not met.
Inhalation	No specific health hazards known.
Ingestion	May cause discomfort if swallowed.
Skin contact	Prolonged and frequent contact may cause redness and irritation. May cause an allergic skin reaction.
Eye contact	May cause temporary eye irritation.
Acute and chronic health hazards	Because of the product's quantity and composition, the health hazard is regarded as low.

SECTION 12: Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.

12.1. Toxicity

Acute aquatic toxicity

Acute toxicity - fish Not determined.

Acute toxicity - aquatic invertebrates Not determined.

Acute toxicity - aquatic plants Not determined.

12.2. Persistence and degradability

Persistence and degradability No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not determined.

12.4. Mobility in soil

Mobility The product is insoluble in water.

Adsorption/desorption coefficient Not available.

12.5. Results of PBT and vPvB assessment

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Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current UK criteria.

12.6. Other adverse effects

Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Absorb in vermiculite, dry sand or earth and place into containers. Dispose of waste via a licensed waste disposal contractor.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

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Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Issued by	Regulatory Department
Revision date	07/04/2022
Revision	16
Supersedes date	25/01/2022
SDS status	Approved.
Hazard statements in full	H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H335 May cause respiratory irritation. H373 May cause damage to organs (Gastro-intestinal tract, liver, immune system) through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. EUH208 Contains REACTION PRODUCTS OF BIS(4-METHYLPENTAN-2-YL)DITHIOPHOSPHORIC ACID WITH PHOSPHORUS OXIDE, PROPYLENE OXIDE AND AMINES, C12-14 ALKYL (BRANCHED). May produce an allergic reaction.

The information provided in this document has been compiled on the basis of our current knowledge and is believed to be in accordance with the requirements of the Dangerous Substances Directive, Dangerous Preparations Directive and Safety Data Sheets Directive. The information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any particular conditions or process. The conditions and extent of storage and use of material are outside of our control and within the control of the possessor or user. Consequently it is the responsibility of the possessor or user to satisfy themselves as to the completeness of such information and the suitability of the material for their own particular circumstances, conditions or use.