

Safety Data Sheet

Compressor Oil

Replaces date: 23/03/2022

Revision date: 02/03/2023

Version: 2.0.0

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

1.1. Product identifier

Trade name: Compressor Oil

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

Recommended uses: Compressor oil

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Kramp UK Ltd
Address: Unit 5
Lancaster Way
Zip code: SG18 8YL
City: Biggleswade
Country: UNITED KINGDOM
E-mail: sales.uk@kramp.com
Phone: +44(0)1767 602 600

1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24)).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.**Most serious harmful effects:** May cause slight irritation to the skin and eyes. Persons with a known allergy to (4-nonylphenoxy) acetic acid may exhibit an allergic response to the product.

2.2. Label elements

Precautionary statements

P102 Keep out of reach of children.
P501 Dispose of contents/container in accordance with local regulation.

Supplemental information

EUH210 Safety data sheet available on request.
EUH208 Contains (4-nonylphenoxy)acetic acid. May produce an allergic reaction.

2.3. Other hazards

The product does not contain any PBT or vPvB substances.
Endocrine disrupting properties: None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
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reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8 421-820-9 01-2119480426-35	< 1 %		Repr. 2;H361d Aquatic Chronic 4;H413
(4-nonylphenoxy)acetic acid	3115-49-9 221-486-2 01-2119982392-31	< 0.1 %		Acute Tox. 4;H302 Skin Corr. 1B;H314 Skin Sens. 1A;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410 ATE LD50 (Acute toxicity - oral): 500 mg/kg bw

Please see section 16 for the full text of H- / EUH-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
Skin contact:	Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
Eye contact:	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
General:	When obtaining medical advice, show the safety data sheet or label.

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

May cause slight irritation to the skin and eyes. The product contains small amounts of (4-nonylphenoxy) acetic acid. Persons with a known allergy may exhibit an allergic response to the product.

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

Treat symptoms. No special immediate treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:	Extinguish with powder, foam or water mist. Use water or water mist to cool non-ignited stock.
Unsuitable extinguishing media:	Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Can generate harmful flue gases containing carbon monoxide in the event of fire.

5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

SECTION 6: Accidental release measures

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6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Stay upwind/keep distance from source. Stop leak if this can be done without risk. Take precautionary measures against static discharges. Use spark-free tools and explosion proof equipment. Wear respiratory protective equipment. Wear gloves. Wear safety goggles if there is a risk of eye splash.

For emergency responders: In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. Wipe up minor spills with a cloth.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use the product under well-ventilated conditions. Running water and eye wash equipment should be available. Wash hands before breaks, before using restroom facilities, and at the end of work. Take precautionary measures against static discharges. Use spark-free tools and explosion proof equipment.

7.2. Conditions for safe storage, including any incompatibilities

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Do not expose to heat (e.g. sunlight). Keep in tightly closed original packaging. Store in a dry, cool, well-ventilated area. Do not store with the following: Strong oxidisers/ Strong alkalis/ Strong acids.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit: Contains no substances subject to reporting requirements

Measuring methods: Compliance with occupational exposure limits may be checked by occupational hygiene measurements.

Legal basis: EH40/2005 Workplace exposure limits. Last amended January 2020.

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 166.

Personal protective equipment, skin protection: Not required.

Personal protective equipment, hand protection: Wear gloves. Type of material: Neoprene rubber. Breakthrough time has not been determined for the product. Change gloves often. Gloves must conform to EN 374. The

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suitability and durability of a glove is dependant on usage, e.g. frequency and duration of contact, glove material thickness, functionality and chemical resistance. Always seek advice from the glove supplier.

Personal protective equipment, respiratory protection: Light use (small volume, shortterm contact (below 10 min.)): Not required.
Medium use (medium volume, medium contact (1-2 hours)): Filter type: P. Respiratory protection must conform to one of the following standards: EN 136/140/145.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid
Colour	No data
Odour	No data
Solubility	No data

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Flash Point	224 °C	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	No data	
Kinematic viscosity	65 mm ² /s	40 °C
Viscosity	No data	
Partition coefficient n-octanol/water	No data	
Vapour pressure	No data	
Density	No data	
Relative density	0.879	(15 °C)
Vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: Strong oxidisers/ Strong acids/ Strong alkalis.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

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None known.

10.4. Conditions to avoid

Do not expose to heat (e.g. sunlight). Avoid heating and contact with ignition sources.

10.5. Incompatible materials

Strong oxidisers/ Strong acids/ Strong alkalis.

10.6. Hazardous decomposition products

Can generate harmful flue gases containing carbon monoxide in the event of fire.

SECTION 11: Toxicological information

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

Acute toxicity - oral

reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives, cas-no 192268-65-8

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 2000 mg/kg bw			

(4-nonylphenoxy)acetic acid, cas-no 3115-49-9

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	ATE LD50		500 mg/kg bw			

Ingestion may cause discomfort. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Acute toxicity - dermal

reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives, cas-no 192268-65-8

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	LD50		> 2000 mg/kg			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Acute toxicity - inhalation: The product does not have to be classified. Test data are not available.

Skin corrosion/irritation: May irritate the skin - may cause reddening. The product does not have to be classified. Test data are not available.

Serious eye damage/eye irritation: May cause eye irritation. The product does not have to be classified. Test data are not available.

Respiratory sensitisation or skin sensitisation: The product contains small amounts of (4-nonylphenoxy) acetic acid. Persons with a known allergy may exhibit an allergic response to the product. The product does not have to be classified. Test data are not available.

Germ cell mutagenicity: The product does not have to be classified. Test data are not available.

Carcinogenic properties: The product does not have to be classified. Test data are not available.

Reproductive toxicity: The product contains at least one substance which is a suspected reproductive hazard. The product does not have to be classified. Test data are not available.

Single STOT exposure: The product does not have to be classified. Test data are not available.

Repeated STOT exposure: The product does not have to be classified. Test data are not available.

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Aspiration hazard: The product does not have to be classified. Test data are not available.

11.2. Information on other hazards

Endocrine disrupting properties: None known.

Other toxicological effects: None known.

SECTION 12: Ecological information

12.1. Toxicity

reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives, cas-no 192268-65-8

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Brachydanio rerio		96hLC50	> 100 mg/l			
Crustacea	Daphnia magna		48hEC50	> 100 mg/l			
Algae	Scenedesmus subspicatus		72hErC50	> 100 mg/l			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

12.2. Persistence and degradability

Test data are not available.

12.3. Bioaccumulative potential

Test data are not available.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

None known.

12.7. Other adverse effects

None known. Oil products may cause soil and water pollution.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge to drain or surface water. If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste (Dir. 2008/98/EU). Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

Uncleansed packaging is to be disposed of via the local waste-removal scheme. Empty, cleansed packaging should be disposed of for recycling.

Category of waste: EWC code: Depends on line of business and use, for instance 13 01 13* other hydraulic oils

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Absorbent/cloth contaminated with the product: EWC code: 15 02 03 absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02

SECTION 14: Transport information

14.1. UN number or ID number: Not applicable.**14.2. UN proper shipping name:** Not applicable.**14.3. Transport hazard class(es):** Not applicable.**14.4. Packing group:** Not applicable.**14.5. Environmental hazards:** Not applicable.**14.6. Special precautions for user**

None.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**Special Provisions:** None.**15.2. Chemical Safety Assessment**

REACH Reg. No.	Substance name
01-2119480426-35	reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives
01-2119982392-31	(4-nonylphenoxy)acetic acid

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
2.0.0	02/03/2023	Bureau Veritas HSE / SJU	2,16

Abbreviations:
PBT: Persistent, Bioaccumulative and Toxic
STOT: Specific Target Organ Toxicity
vPvB: Very Persistent and Very Bioaccumulative

Other Information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with Regulation 1907/2006/EC "The Registration, Evaluation and Authorization of Chemicals" as amended by the stationary UK REACH etc. (EU Exit) as subsequently changed.

Training advice: A thorough knowledge of this safety data sheet should be a prerequisite condition.

Classification method: Calculation based on the hazards of the known components.

List of relevant H-statements

H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H361d Suspected of damaging the unborn child.
H400 Very toxic to aquatic life.

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H410

Very toxic to aquatic life with long lasting effects.

H413

May cause long lasting harmful effects to aquatic life.

List of relevant EUH-statements

EUH208

Contains (4-nonylphenoxy)acetic acid. May produce an allergic reaction.

EUH210

Safety data sheet available on request.

SDS is prepared by

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