Safety Data Sheet

KRAMP MOTOR OIL 10W40

Replaces date: 17/03/2020

Revision date: 23/02/2023
Version: 2.0.0

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

1.1. Product identifier

Trade name: KRAMP MOTOR OIL 10W40

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

Recommended uses: Functional fluids.

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.

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 Polyolefine polyamine succinimide, Coconut oil, reaction products with boric acid (H3BO3), diethanolamine and glycerol, Benzenesulfonic acid, methyl-, mono-C20-26-branched alkyl derivs., calcium salts, Alkarylsulphonate, long chain of calcium. May produce an allergic reaction.

2.3. Other hazards

Assessment to determine PBT and vPvB has not been made.
Endocrine disrupting properties: None known. None known. None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate	125643-61-0 406-040-9	1 - 5 %		Aquatic Chronic 4;H413
Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs., borated	134758-95-5 603-861-6	1 - 5 %		Aquatic Chronic 4;H413
Polyolefine polyamine succinimide	873694-48-5 681-947-2	1 - 2.5 %		Skin Sens. 1;H317 Aquatic Chronic 2;H411
Amines, polyethylenepoly-, reaction products with 1,3-dioxolan-2-one and succinic anhydride monopolyisobutenyl derivs.	147880-09-9 604-611-9	1 - 2.5 %		Aquatic Chronic 4;H413
Bis(nonylphenyl)amine	36878-20-3 253-249-4 01-2119488911-28	0.1 - 2.5 %		Aquatic Chronic 4;H413
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts	68784-31-6 272-238-5 01-2119657973-23	0.1 - 2.5 %		Eye Dam. 1;H318 Aquatic Chronic 2;H411
Benzenesulfonic acid, methyl-, mono-C20-26-branched alkyl derivs., calcium salts	722503-69-7	0.1 - 2.5 %		Skin Sens. 1B;H317
Coconut oil, reaction products with boric acid (H3BO3), diethanolamine and glycerol	1428353-74-5 806-731-9 01-2120067755-46	0.1 - 2.5 %		Skin Sens. 1;H317 Eye Irrit. 2;H319 Aquatic Chronic 2;H411

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 Polyolefine polyamine succinimide, Coconut oil, reaction products with boric acid (H3BO3), diethanolamine and glycerol, Benzenesulfonic acid, methyl-, mono-C20-26-branched alkyl derivs., calcium salts, Alkarylsulphonate, long chain of calcium. 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

The product decomposes when combusted and the following toxic gases can be formed: Nitrous gases/ Sulphur oxides/ Aldehydes/ Carbon monoxide and carbon dioxide.

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

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Wear safety goggles if there is a risk of eye splash. Wear gloves. Wear respiratory protective equipment. Stop leak if this can be done without risk.

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 damp 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). Do not store with the following: Strong oxidisers/ Strong acids/ Strong alkalis. Store in a dry, cool, well-ventilated area. Keep in tightly closed original packaging.

7.3. Specific end use(s)

No special uses in addition to identified uses in 1.2.

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, hand protection: Plastic or rubber gloves recommended.

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)): Wear respiratory protective equipment. Filter type: A. 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	230 °C	
Auto-ignition temperature	No data	

Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	No data	
Kinematic viscosity	94.5 mm²/s	40 °C
Viscosity	No data	
Partition coefficient n-octonol/water	No data	
Vapour pressure	No data	
Density	No data	
Relative density	No data	
Vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

Parameter	Value/unit	Remarks

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

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

The product decomposes when combusted or heated to high temperatures and the following toxic gases can be formed: Nitrous gases/ Sulphur oxides/ Aldehydes/ Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

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

Acute toxicity - oral

Bis(nonylphenyl)amine, cas-no 36878-20-3

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 5000 mg/kg bw		OECD 401	

Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts, cas-no 68784-31-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		2900 mg/kg			

Coconut oil, reaction products with boric acid (H3BO3), diethanolamine and glycerol, cas-no 1428353-74-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	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. Ingestion may cause discomfort.

Acute toxicity - dermal

Bis(nonylphenyl)amine, cas-no 36878-20-3

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 2000 mg/kg bw		OECD 402	

Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts, cas-no 68784-31-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 5000 mg/kg			

Coconut oil, reaction products with boric acid (H3BO3), diethanolamine and glycerol, cas-no 1428353-74-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 2000 ml/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. Based on existing data, the classification criteria are deemed not to have been met.

Skin corrosion/irritation: The product does not have to be classified. Test data are not available. May cause slight irritation.

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

Respiratory sensitisation or skin sensitisation: The product does not have to be classified. Test data are not available. The product contains small amounts of Polyolefine polyamine succinimide, Coconut oil, reaction products with boric acid (H3BO3), diethanolamine and glycerol, Benzenesulfonic acid, methyl-, mono-C20-26-branched alkyl derivs., calcium salts, Alkarylsulphonate, long chain of calcium. Persons with a known allergy may exhibit an allergic response to the product.

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 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. The product releases vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

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

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

Bis(nonylphenyl)amine, cas-no 36878-20-3

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Brachydanio rerio		LC50	> 100 mg/l			
Crustacea	Name of species not specified		EC50	> 100 mg/l		OECD 202	
Algae	Name of species not specified		72hEC50	600 mg/l			
Algae	Name of species not specified		96hEC50	870 mg/l			
Algae	Name of species not specified		ErC50	600 mg/l			

Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts, cas-no 68784-31-6

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Oncorhynchus mykiss		96hLC50	4.4 mg/l			
Crustacea	Daphnia magna		48hEC50	75 mg/l			
Algae	Scenedesmus subspicatus		72hEC50	240 mg/l			

Coconut oil, reaction products with boric acid (H3BO3), diethanolamine and glycerol, cas-no 1428353-74-5

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
	Name of species not specified		LC50	310 mg/l			
	Name of species not specified		EC50	310 mg/l			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.
The product contains small quantities of environmentally hazardous substances.

12.2. Persistence and degradability

Bis(nonylphenyl)amine, cas-no 36878-20-3

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
				20.1 mg/l	1 %		

The product contains at least one substance that is not biodegradable. Test data are not available for all substances

12.3. Bioaccumulative potential

Bis(nonylphenyl)amine, cas-no 36878-20-3

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			BCF	1584.89			

Coconut oil, reaction products with boric acid (H3BO3), diethanolamine and glycerol, cas-no 1428353-74-5

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			Log Pow	3.57			

The product contains at least one substance that is bioaccumulative in organisms. Test data are not available for all substances

12.4. Mobility in soil

Not expected to be mobile in soil. Test data are not available.

12.5. Results of PBT and vPvB assessment

No assessment has been made.

12.6. Endocrine disrupting properties

None known.

12.7. Other adverse effects

None known.

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

Category of waste:

EWC code: Depends on line of business and use, for instance 13 02 08* other engine, gear and lubricating oils
Absorbent/cloth contaminated with the product: EWC code: 15 02 02 absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances.

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.

None.

15.2. Chemical Safety Assessment

REACH Reg. No.	Substance name
01-2119488911-28	Bis(nonylphenyl)amine
01-2119657973-23	Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts
01-2120067755-46	Coconut oil, reaction products with boric acid (H3BO3), diethanolamine and glycerol

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
2.0.0	23/02/2023	Bureau Veritas HSE / SJU	2,11,12,16

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: Test data. Expert judgement.

List of relevant H-statements

H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H411	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 Polyolefine polyamine succinimide, Coconut oil, reaction products with boric acid (H3BO3), diethanolamine and glycerol, Benzenesulfonic acid, methyl-, mono-C20-26-branched alkyl derivs., calcium salts, Alkarylsulphonate, long chain of calcium. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

SDS is prepared by

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