

Safety Data Sheet

KRAMP TRANSMISSION OIL 80W-90 (GL4)

Replaces date: 16/03/2020

Revision date: 09/05/2022
Version: 2.0.0

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

1.1. Product identifier

Trade name: KRAMP TRANSMISSION OIL 80W-90 (GL4)

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

Recommended uses: Transmission 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: Aquatic Chronic 3;H412

Most serious harmful effects: Harmful to aquatic life with long lasting effects. May cause slight irritation to the skin and eyes.

2.2. Label elements

Hazard Statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.
P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with local regulation.

Supplemental information

EUH208 Contains Amines, C10-14-tert-alkyl. May produce an allergic reaction.

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0 265-169-7 01-2119471299-27	25 - 50 %		Asp. Tox. 1;H304
Amines, C10-14-tert-alkyl	701-175-2 01-2119456798-18	> 0.1 %		Acute Tox. 2;H300 Acute Tox. 4;H302 Acute Tox. 3;H311 Skin Corr. 1B;H314 Skin Sens. 1A;H317 Eye Dam. 1;H318 STOT SE 3;H335 Aquatic Acute 1;H400 Aquatic Chronic 1;H410 ATE (Acute toxicity - oral): 500 mg/kg bw ATE (Acute toxicity - dermal): 300 mg/kg bw ATE (vapours) (Acute toxicity - inhalation): 0.5 mg/l ATE (dust/mist) (Acute toxicity - inhalation): 0.05 mg/l
(Z) -octadec-9-enylamine, C16-18- (even numbered, saturated and unsaturated)-alkylamines	627-034-4 01-2119473797-19	> 0.1 %		Acute Tox. 4;H302 Asp. Tox. 1;H304 Skin Corr. 1B;H314 Eye Dam. 1;H318 STOT SE 3;H335 STOT RE 2;H373 Aquatic Acute 1;H400 Aquatic Chronic 1;H410 ATE (Acute toxicity - oral): 500 mg/kg bw M (acute): 10 M (chronic): 10

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

Ingredient comments: The mineral oils in the product contain <3% DMSO extract(IP 346).

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 Amines, C10-14-tert-alkyl. 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

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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

Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

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. Stop leak if this can be done without risk. Provide good ventilation.

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, non-combustible 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.

7.2. Conditions for safe storage, including any incompatibilities

Store 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: 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)

None.

SECTION 8: Exposure controls/personal protection

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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 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	Clear	
Odour	No data	
Solubility	Not miscible with the following: Water.	

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	208 °C	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	No data	
Kinematic viscosity	128.9 mm ² /s	40 °C
Viscosity	No data	
Partition coefficient n-octanol/water	No data	
Vapour pressure	No data	
Density	No data	
Relative density	0.885	
Vapour density	No data	

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Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

Other Information: None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: 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

Oxidisers/ Strong acids/ Strong alkalis.

10.6. Hazardous decomposition products

Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

SECTION 11: Toxicological information

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

Acute toxicity - oral

Amines, C10-14-tert-alkyl, EC-no 701-175-2

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

(Z) -octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines, EC-no 627-034-4

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

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

Amines, C10-14-tert-alkyl, EC-no 701-175-2

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	ATE		300 mg/kg bw			

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

Amines, C10-14-tert-alkyl, EC-no 701-175-2

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
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	ATE (gases)	4 h	100 ppm			
	ATE (vapours)	4 h	0.5 mg/l			
	ATE (dust/mist)	4 h	0.05 mg/l			

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 Amines, C10-14-tert-alkyl. 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.

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

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Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Oncorhynchus mykiss	96 h		> 100 mg/l		OECD 203	
Crustacea	Daphnia magna	48 h		> 100 mg/l		OECD 202	
Algae	Pseudokirchneriella subcapitata	72h		> 100 mg/l		OECD 201	

(Z) -octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines, EC-no 627-034-4

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Pimephales promelas		96hLC50	0.11 mg/l			
Algae			72hEC50	> 0.13 mg/l			
Crustacea	Daphnia magna		21dNOEC	0.013 mg/l			

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Crustacea	Daphnia magna		48hEC50	0.011 mg/l			
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Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

(Z) -octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines, EC-no 627-034-4

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
		28 d	ThOD	44 %		OECD 301 D	
		28 d	Biodegradability	66 %		OECD 301 B	

The product contains at least one substance that is not biodegradable.

12.3. Bioaccumulative potential

(Z) -octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines, EC-no 627-034-4

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			BCF	500			
			Log Kow	4.33			

The product contains at least one substance that is bioaccumulative in organisms.

12.4. Mobility 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 01 13* other hydraulic oils

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.

14.4. Packing group:

Not applicable.

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14.2. UN proper shipping name:

Not applicable.

14.5. Environmental hazards:

Not applicable.

14.3. Transport hazard class(es):

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
01-2119456798-18	Amines, C10-14-tert-alkyl
01-2119471299-27	Distillates (petroleum), solvent-dewaxed heavy paraffinic
01-2119473797-19	(Z) -octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines

SECTION 16: Other information**Version history and indication of changes**

Version	Revision date	Responsible	Changes
2.0.0	09/05/2022	Bureau Veritas HSE / SUJ	2-4,5, 6-7, 9,10,11-12, 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. Calculation based on the hazards of the known components.

List of relevant H-statements

H300	Fatal if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
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 through prolonged or repeated exposure.

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H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

List of relevant EUH-statements

EUH208 Contains Amines, C10-14-tert-alkyl. May produce an allergic reaction.

SDS is prepared by

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