

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name:

Product number:

ZF Lifeguard Hybrid 4

number: 5961.308.625

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

Identified uses: Lub

Uses advised against:

Lubricant

No uses advised against identified.

1.3 Details of the supplier of the safety data sheet

ZF Friedrichshafen AG ZF Aftermarket Obere Weiden 12 97424 Schweinfurt Germany +49 9721 475 60 www.zf.com /contact

1.4 Emergency telephone number24/7h Emergency telephone number (+49) 89 19 240

2. Hazards identification

2.1 Classification of the substance or mixture

The product has been classified and labelled as hazardous according to regulation GB-CLP.

Classification according to Regulation (EC) No 1272/2008 as amended.

Health Hazards Chronic hazards to the aquatic Environment

H412: Harmful to aquatic life with long lasting effects

Category 3

Hazard summary

Physical Hazards

No data available.





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2.2 Label Elements

Hazard Statement(s):	H412: Harmful to aquatic life with long lasting effects.
Precautionary Statements	
Prevention:	P273: Avoid release to the environment.
Disposal	P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.
Supplemental label information:	GBH208: Contains: Alkyl amine derivative, olefin derivative. May produce an allergic reaction.
Other hazards	By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept. The product may not be released into the environment without control.

3. Composition/information on ingredients

3.2 Mixtures

2.3

General information

Mixture containing severely refined base oils and additives.

Chemical name	Identifier	Concentration *
Base oil, low viscous	EINECS: 265-158-7	50,00% - <100,00%
Alkoxysulfolane	EC: 800-172-4	1,00% - <2,50%



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substituded hydrocarbyl sulphide	EINECS: 266-582-5	0,25% - <1,00%
Alkyl amine derivative	EC: 471-920-1	0,10% - <1,00%
Alkyl amine derivative	EC: 482-000-4	0,10% - <1,00%
olefin derivative	EINECS: 939-580-3	0,10% - <1,00%
Ca Sulfonate	EINECS: 274-263-7	0,10% - <1,00%
ethoxylated amine	EC: 620-540-6	0,01% - <1,00%
Heterocyclic N-compound	EINECS: 202-414-9	0,01% - <0,10%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

Classification		
Chemical name	Identifier	Classification
Base oil, low viscous	EINECS: 265-158-7	GBCLP: Asp. Tox. 1;H304
Alkoxysulfolane	EC: 800-172-4	GBCLP: Aquatic Chronic 2;H411
substituded hydrocarbyl sulphide	EINECS: 266-582-5	GBCLP: Aquatic Acute 1;H400, Aquatic Chronic 1;H410, Skin Sens. 1;H317
Alkyl amine derivative	EC: 471-920-1	GBCLP: Skin Sens. 1B;H317
Alkyl amine derivative	EC: 482-000-4	GBCLP: Aquatic Chronic 3;H412, Skin Sens. 1B;H317
olefin derivative	EINECS: 939-580-3	GBCLP: Skin Sens. 1B;H317
Ca Sulfonate	EINECS: 274-263-7	GBCLP: Skin Sens. 1B;H317
ethoxylated amine	EC: 620-540-6	GBCLP: Skin Corr. 1C;H314, Aquatic Acute 1;H400, Aquatic Chronic 2;H411, Acute Tox. 4;H302, Eye Dam. 1;H318; M-Factor (aquatic acute): 10; M-Factor (aquatic chronic): 1
Heterocyclic N- compound	EINECS: 202-414-9	GBCLP: Skin Corr. 1C;H314, Eye Dam. 1;H318, STOT RE 2;H373, Aquatic Acute 1;H400, Aquatic Chronic 1;H410, Acute Tox. 4;H302; M-Factor (aquatic acute): 10; M-Factor (aquatic chronic): 1

Classification



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GB-CLP

specific concentration limit

	nie concentra				
Chemical	Identifier	specific	Hazard class	Hazard	Hazard
name		concentra		Category	statements
		tion limit			
substitud	EINECS:	>= 14,21	Skin sensitizer	1	H317
ed	266-582-5	%			
hydrocarb					
yl					
sulphide					
Alkyl	EC: 471-	>= 9,4 %	Skin sensitizer	1B	H317
amine	920-1				
derivative					
Са	EINECS:	>= 10 %	Skin sensitizer	1B	H317
Sulfonate	274-263-7				
ethoxylat	EC: 620-	>= 50 %	Serious eye damage	1	H318
ed amine	540-6	>= 25 %	Serious eye irritation	2	H319
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For the wording of the listed hazard statements refer to section 16.

Please note that the mineral oils and petroleum distillates used in our products are severely refined and have a DMSO extract < 3% as measured by method IP 346 and are not classified as carcinogenic according to Note L of Annex VI of Regulation GB-CLP.

4. **First aid measures**

4.1

4.2

General:	Instantly remove any clothing soiled by the product.
Description of first aid measures	
Inhalation:	Supply fresh air; consult doctor in case of symptoms.
Eye contact:	Promptly wash eyes with plenty of water while lifting the eye lids.
Skin Contact:	Wash with soap and water.
Ingestion:	Rinse mouth thoroughly.
Most important symptoms and effects, both acute and delayed:	May cause skin and eye irritation.



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4.3 Indication of any immediate medical attention and special treatment needed

Get medical attention if symptoms occur.

5. Firefighting measures

5.1 Extinguishing media

	Suitable extinguishing media:	CO2, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant added.
	Unsuitable extinguishing media:	Water with a full water jet.
5.2	Special hazards arising from the substance or mixture:	During fire, gases hazardous to health may be formed.
5.3	Advice for firefighters	
	Special fire fighting procedures:	Move container from fire area if it can be done without risk. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter drains.
	Special protective equipment for fire- fighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
6.	Accidental release measures	
6.1	Personal precautions, protective equipment and emergency procedures:	In case of spills, beware of slippery floors and surfaces.
6.2	Environmental Precautions:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent from spreading (e.g. by binding or oil barriers). Environmental manager must be informed of all major spillages. Do not



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- allow to enter drainage system, surface or ground water.
- 6.3 Methods and material for containment and cleaning up:
 6.4 Reference to other sections:
 6.4 Reference to other sections:
 Absorb with liquid-binding material (sand, diatomite, acidbinders, universal binders, sawdust). Dispose of the material collected according to regulations. Stop the flow of material, if this is without risk.
 6.4 Reference to other sections:
 6.5 See Section 8 of the SDS for Personal Protective Equipment. See Section 7 for information on safe handling See Section 13 for information on

disposal.

7. Handling and storage

7.1	Precautions for safe handling:	Prevent formation of aerosols. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products. Observe good industrial hygiene practices. Provide adequate ventilation.
7.2	Conditions for safe storage, including any incompatibilities:	Local regulations concerning handling and storage of waterpolluting products have to be followed. Do not heat up to temperatures close to the flash point.
7.3	Specific end use(s):	Not applicable
	Storage Class:	10, Combustible liquids

8. Exposure controls/personal protection

8.1 Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.

8.2 Exposure controls



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Appropriate engineering controls:	Provide adequate ventilation. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits If exposure limits have not been established, maintain airborne levels to an acceptable level.
Individual protection measures, suc	ch as personal protective equipment
General information:	Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to inhandling the chemicals or the mineral oil products.
Eye/face protection:	Avoid contact with skin and eyes. Goggles/face shield are recommended. If risk of splashing, wear safety goggles or face shield.
Skin protection	
Hand Protection:	Material: Nitrile butyl rubber (NBR). Min. Breakthrough time: >= 480 min Recommended thickness of the material: >= 0,38 mm Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for

preventive skin protection. Protective gloves, where permitted in acc. to safety directions. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.



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Other:	Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing
Respiratory Protection:	Ensure good ventilation/exhaustion at the workplace. Avoid breathing vapour/ aerosol.
Thermal hazards:	Not known.
Hygiene measures:	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.
Environmental Controls:	No data available.

9. **Physical and chemical properties**

9.1 Information on basic physical and chemical properties

Appearance	
Physical state:	liquid
Form:	liquid
Color:	Red
Odor:	Characteristic
Odor Threshold:	Not applicable for mixtures
pH:	Not applicable
Freezing point:	not determined
Boiling Point:	not determined
Flash Point:	210 °C
Evaporation Rate:	Not applicable for mixtures
Flammability (solid, gas):	not determined
Flammability Limit - Upper (%)–:	Not applicable for mixtures
Flammability Limit - Lower (%)–:	Not applicable for mixtures
Vapor pressure:	Not applicable for mixtures
Relative vapor density:	Not applicable for mixtures
Density:	0,84 g/cm ³ (15,00 °C)



Solubility(ies)		
Solubility in Water:	Insoluble in water	
Solubility (other):	No data available.	
Partition coefficient (n-octanol/water):	Not applicable for mixtures	
Autoignition Temperature:	not determined	
Decomposition Temperature:	not determined	
Kinematic viscosity:	26 mm²/s (40 °C)	
Explosive properties:	Value not relevant for classification	
Oxidizing properties:	Value not relevant for classification	
I		I
9.2 Other information:	No data available.	

10. Stability and reactivity

10.1	Reactivity:	Stable under normal use conditions.
10.2	Chemical Stability:	Stable under normal use conditions.
10.3	Possibility of hazardous reactions:	Stable under normal use conditions.
10.4	Conditions to avoid:	Stable under normal use conditions.
10.5 10.6	Incompatible Materials: Hazardous Decomposition Products:	Strong oxidizing substances. Strong acids. Strong bases. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Oral Product:

Specified substance(s) base oil, low viscous

Not classified for acute toxicity based on available data.

LD 50 (Rat): > 5.000 mg/kg

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substituded hydrocarbyl sulphide

Ca Sulfonate

Heterocyclic N-compound

Dermal Product:

Specified substance(s)

Base oil, low viscous

Ca Sulfonate

Inhalation

Product:

Skin Corrosion/Irritation: Product:

Specified substance(s):

Ca Sulfonate

Heterocyclic N-compound

Serious Eye Damage/Eye Irritation: Product:

Specified substance(s):

Heterocyclic N-compound

Respiratory or Skin Sensitization: Product: LD 50 (Rat): > 5.000 mg/kg

LD 50 (Rat): > 5.000 mg/kg (OECD 401)

LD 50 (Rat): 1.265 mg/kg (OECD 401)

Not classified for acute toxicity based on available data.

LD 50 (Rabbit): > 5.000 mg/kg

LD 50 (Rabbit): > 5.000 mg/kg (OECD 402)

Not classified for acute toxicity based on available data.

Based on available data, the classification criteria are not met.

OECD 404 (Rabbit): Not irritant.

OECD 404 (Rabbit): Corrosive.

Based on available data, the classification criteria are not met.

OECD 405 (Rabbit): Corrosive.

Skin sensitizer: Based on available data, the classification criteria are not met.

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Respiratory sensitizer: Based on available data, the classification criteria are not met.

May cause sensitization by skin

contact.

OECD 406

Specified substance(s) Ca Sulfonate

Heterocyclic N-compound

Germ Cell Mutagenicity Product:

Carcinogenicity Product:

Reproductive toxicity Product: Based on available data, the classification criteria are not met.

No sensitizing effect (guinea pig);

Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - Single Exposure Product:

Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity -Repeated Exposure Product:

Aspiration Hazard Product:

Other adverse effects:

Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.

No data available.

12. Ecological information

12.1 Toxicity

Acute toxicity Product: Based on available data, the classification criteria are not met.

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Fish Specified substance(s) base oil, low viscous LC 50 (Fish, 96 h): > 1.000 mg/l Alkoxysulfolane LC 50 (Fish, 96 h): 2,4 mg/l olefin derivative LC 50 (Fish, 96 h): > 101 mg/l Ca Sulfonate LC 50 (Fish, 96 h): > 1.001 mg/l (OECD 203) ethoxylated amine LC 50 (Fish, 96 h): 0,1 mg/l Heterocyclic N-compound LC 50 (Fish, 96 h): 0,3 mg/l (OECD 203) Aquatic Invertebrates Specified substance(s) Base oil, low viscous EC 50 (Water Flea, 48 h): > 1.000 mg/l Alkoxysulfolane EC 50 (Water Flea, 48 h): 4,6 mg/l substituded hydrocarbyl EC 50 (Water Flea, 48 h): 0,58 mg/l sulphide EC 50 (Water Flea, 48 h): 180 mg/l Alkyl amine derivative olefin derivative EC 50 (Water Flea, 48 h): > 101 mg/l Ca Sulfonate EC 50 (Water Flea, 48 h): > 1.001 mg/l Heterocyclic N-compound EC 50 (Water Flea, 48 h): 0,136 mg/l (OECD 202) Chronic ToxicityProduct: Based on available data, the classification criteria are not met. Fish Specified substance(s) Alkoxysulfolane NOEC (Fish, 96 d): 1 mg/l Aquatic Invertebrates Specified substance(s)

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Base oil, low viscousNOEC (Water Flea, 21 d): 10 mg/lAlkoxysulfolaneNOEC (Water Flea, 48 d): 0,63 mg/lsubstituded hydrocarbylEC 50 (Water Flea, 21 d): 0,75 mg/lsulphideNOEC (Water Flea, 21 d): 0,75 mg/lAlkyl amine derivativeNOEC (Water Flea, 21 d): 56 mg/lethoxylated amineNOEC (Water Flea, 21 d): 10 mg/lToxicity to Aquatic Plants Specified substance(s)NOEC (Water Flea, 21 d): 10 mg/lbase oil, low viscousEC 50 (Alga, 72 h): > 1.000 mg/lAlkoxysulfolaneNOEC (Alga, 72 h): 0,313 mg/lsubstituded hydrocarbyl sulphideNOEC (Alga, 96 h): 100 mg/lca SulfonateEC 50 (Alga, 72 h): > 101 mg/lethoxylated amineNOEC (Alga, 72 h): > 1.000 mg/lHeterocyclic N-compoundEC 50 (Alga, 72 h): 0,03 mg/l (OECD 201) NOEC (Alga, 72 h): 0,11 mg/l		
substituded hydrocarbyl sulphideEC 50 (Water Flea, 21 d): 0,75 mg/lAlkyl amine derivativeNOEC (Water Flea, 21 d): 56 mg/lethoxylated amineNOEC (Water Flea, 21 d): 10 mg/lToxicity to Aquatic Plants Specified substance(s)EC 50 (Alga, 72 h): > 1.000 mg/lbase oil, low viscousEC 50 (Alga, 72 h): > 1.000 mg/lAlkoxysulfolaneNOEC (Alga, 72 h): 0,313 mg/lsubstituded hydrocarbyl sulphideNOEC (Alga, 96 h): 100 mg/lca SulfonateEC 50 (Alga, 72 h): > 101 mg/lethoxylated amineNOEC (Alga, 72 h): > 1000 mg/ldefin derivativeEC 50 (Alga, 72 h): > 101 mg/lca SulfonateEC 50 (Alga, 72 h): > 1.000 mg/lHeterocyclic N-compoundEC 50 (Alga, 72 h): 0,03 mg/l (OECD 201)	Base oil, low viscous	NOEC (Water Flea, 21 d): 10 mg/l
sulphideNOEC (Water Flea, 21 d): 56 mg/lAlkyl amine derivativeNOEC (Water Flea, 21 d): 10 mg/lethoxylated amineNOEC (Water Flea, 21 d): 10 mg/lToxicity to Aquatic Plants Specified substance(s)EC 50 (Alga, 72 h): > 1.000 mg/lbase oil, low viscousEC 50 (Alga, 72 h): > 1.000 mg/lAlkoxysulfolaneNOEC (Alga, 72 h): 0,313 mg/lsubstituded hydrocarbyl sulphideNOEC (Alga, 96 h): 100 mg/lca SulfonateEC 50 (Alga, 72 h): > 101 mg/lethoxylated amineNOEC (Alga, 72 h): > 100 mg/lHeterocyclic N-compoundEC 50 (Alga, 72 h): 0,03 mg/l (OECD 201)	Alkoxysulfolane	NOEC (Water Flea, 48 d): 0,63 mg/l
ethoxylated amineNOEC (Water Flea, 21 d): 10 mg/lToxicity to Aquatic Plants Specified substance(s)EC 50 (Alga, 72 h): > 1.000 mg/lbase oil, low viscousEC 50 (Alga, 72 h): > 1.000 mg/lAlkoxysulfolaneNOEC (Alga, 72 h): 0,313 mg/lsubstituded hydrocarbyl sulphideNOEC (Alga, 96 h): 100 mg/lolefin derivativeEC 50 (Alga, 72 h): > 101 mg/lCa SulfonateEC 50 (Alga, 72 h): > 101 mg/lethoxylated amineNOEC (Alga, 72 h): > 1.000 mg/lHeterocyclic N-compoundEC 50 (Alga, 72 h): 0,03 mg/l (OECD 201)		EC 50 (Water Flea, 21 d): 0,75 mg/l
Toxicity to Aquatic Plants Specified substance(s)base oil, low viscousEC 50 (Alga, 72 h): > 1.000 mg/lAlkoxysulfolaneNOEC (Alga, 72 h): 0,313 mg/lsubstituded hydrocarbyl sulphideNOEC (Alga, 96 h): 100 mg/lolefin derivativeEC 50 (Alga, 72 h): > 101 mg/lCa SulfonateEC 50 (Alga, 72 h): > 1.000 mg/lethoxylated amineNOEC (Alga, 72 h): > 1.000 mg/lHeterocyclic N-compoundEC 50 (Alga, 72 h): 0,03 mg/l (OECD 201)	Alkyl amine derivative	NOEC (Water Flea, 21 d): 56 mg/l
Specified substance(s)base oil, low viscousEC 50 (Alga, 72 h): > 1.000 mg/lAlkoxysulfolaneNOEC (Alga, 72 h): 0,313 mg/lsubstituded hydrocarbyl sulphideNOEC (Alga, 96 h): 100 mg/lolefin derivativeEC 50 (Alga, 72 h): > 101 mg/lCa SulfonateEC 50 (Alga, 72 h): > 100 mg/lethoxylated amineNOEC (Alga, 72 h): > 1.000 mg/lHeterocyclic N-compoundEC 50 (Alga, 72 h): 0,0156 mg/l	ethoxylated amine	NOEC (Water Flea, 21 d): 10 mg/l
AlkoxysulfolaneNOEC (Alga, 72 h): 0,313 mg/lsubstituded hydrocarbyl sulphideNOEC (Alga, 96 h): 100 mg/lolefin derivativeEC 50 (Alga, 72 h): > 101 mg/lCa SulfonateEC 50 (Alga, 72 h): > 1.000 mg/lethoxylated amineNOEC (Alga, 72 h): > 1.000 mg/lHeterocyclic N-compoundEC 50 (Alga, 72 h): 0,03 mg/l (OECD 201)	, ,	
substituded hydrocarbyl sulphideNOEC (Alga, 96 h): 100 mg/lolefin derivativeEC 50 (Alga, 72 h): > 101 mg/lCa SulfonateEC 50 (Alga, 72 h): > 1.000 mg/lethoxylated amineNOEC (Alga, 72 h): > 0,0156 mg/lHeterocyclic N-compoundEC 50 (Alga, 72 h): 0,03 mg/l (OECD 201)	base oil, low viscous	EC 50 (Alga, 72 h): > 1.000 mg/l
sulphideolefin derivativeEC 50 (Alga, 72 h): > 101 mg/lCa SulfonateEC 50 (Alga, 72 h): > 1.000 mg/lethoxylated amineNOEC (Alga, 72 h): 0,0156 mg/lHeterocyclic N-compoundEC 50 (Alga, 72 h): 0,03 mg/l (OECD 201)	Alkoxysulfolane	NOEC (Alga, 72 h): 0,313 mg/l
Ca SulfonateEC 50 (Alga, 72 h): > 1.000 mg/lethoxylated amineNOEC (Alga, 72 h): 0,0156 mg/lHeterocyclic N-compoundEC 50 (Alga, 72 h): 0,03 mg/l (OECD 201)		NOEC (Alga, 96 h): 100 mg/l
ethoxylated amineNOEC (Alga, 72 h): 0,0156 mg/lHeterocyclic N-compoundEC 50 (Alga, 72 h): 0,03 mg/l (OECD 201)	olefin derivative	EC 50 (Alga, 72 h): > 101 mg/l
Heterocyclic N-compound EC 50 (Alga, 72 h): 0,03 mg/l (OECD 201)	Ca Sulfonate	EC 50 (Alga, 72 h): > 1.000 mg/l
201)	ethoxylated amine	NOEC (Alga, 72 h): 0,0156 mg/l
	Heterocyclic N-compound	,

12.2 Persistence and Degradability

Biodegradation Product: Specified substance(s)

ethoxylated amine

Heterocyclic N-compound

Bioaccumulative potential 12.3 Product:

Not applicable for mixtures

63 % (28 d, OECD 301D)

(OECD 301B) The product is not biodegradable.

Not applicable for mixtures

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12.4 Mobility in soil Product: Not applicable for mixtures
12.5 Results of PBT and vPvB assessment Product: The product does not contain any substances fulfilling the PBT/vPvB criteria.
12.6 Other adverse effects No data available.

Water Hazard ClassWGK 2: significantly water-
endangering.

13. Disposal considerations

13.1 Waste treatment methods

General information:	Dispose in accordance with all applicable regulations.
Disposal methods:	Discharge, treatment, or disposal may be subject to national, state, or local laws.
List of Waste (LoW) Codes	13 02 05*: mineral-based non- chlorinated engine, gear and lubricating oils

14 Transport information ADR/RID

14.1 UN Number 14.2 UN Proper Shipping Name	
14.3 Transport Hazard Class(es) Class:	Non-dangerous goods
Label(s):	
Hazard No. (ADR):	
Tunnel restriction code:	
14.4 Packing Group:	
14.5 Environmental hazards:	
14.6 Special precautions for user:	
IMDG	
14.1 UN Number:	
14.2 UN Proper Shipping Name:	

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

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14.3 Transport Hazard Class(es) Class: Non-dangerous goods Label(s): --EmS No.: 14.4 Packing Group: --14.5 Environmental hazards: ___ 14.6 Special precautions for user: --IATA 14.1 UN Number: 14.2 Proper Shipping Name: 14.3 Transport Hazard Class(es): Class: Non-dangerous goods Label(s): --14.4 Packing Group: --14.5 Environmental hazards: --14.6 Special precautions for user: --

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

Not applicable.

15. Regulatory information

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

GB Regulations

The Ozone-Depleting Substances and none Fluorinated Greenhouse Gases (Amendment etc.) (EU Exit) Regulations 2019

The Persistent Organic Pollutantsnone(Amendment) (EU Exit) Regulations2020

15.2 Chemical safety assessme:

No Chemical Safety Assessment has been carried out.

16. Other information



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Revision Information:

Vertical lines in the margin indicate an amendment.

Wording of the H-statements in section 2 and 3

- 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.
- H319 Causes serious eye irritation.
- 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.

Other information:

The classification complies with the current GB lists; however, it has been supplemented with expert literature information and information provided by/about our company. The following evaluation methods were used: On the basis of test data; Calculation Method; Bridging Principle "Substantially similar mixtures"; Expert Judgement

The data contained in this safety data sheet are based on our current knowledge and experience and are given to the best of our knowledge and belief. It characterizes the product only with regard to safety requirements for handling, transport and disposal. The data do not describe the product's properties (tech. product specification). Neither should any agreed property nor the suitability of the product for any specific technical application be deduced from the data contained in this safety data sheet. Modifications on this document are not allowed. The data are not transferable to other products. In the case of mixing the product with other products or in the case of processing, the data in this safety data sheet are not necessarily valid for the new-made material. It is the responsibility of the recipient of the product to observe federal, state and local law. Please contact us to obtain up-to-date safety data sheets. This document was issued electronically and has no signature