

Page 1 of 11 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 31.08.2020 / 0016 Replacing version dated / version: 07.01.2020 / 0015 Valid from: 31.08.2020 PDF print date: 31.08.2020 Vollsynthetisches Getriebeoel (GL5) SAE 75W-90 60 L Art.: 1412

## Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

#### **1.1 Product identifier**

## Vollsynthetisches Getriebeoel (GL5) SAE 75W-90 60 L Art.: 1412

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

Gear lubricant Sector of use [SU]: SU 3 - Industrial us

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SU 3 - Industrial uses: Uses of substances as such or in preparations at industrial sites SU21 - Consumer uses: Private households (=general public = consumers) SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen) Chemical product category [PC]: PC17 - Hydraulic fluids PC24 - Lubricants, greases, release products Process category [PROC]: PROC 1 - Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions. PROC 2 - Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions PROC 8a - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities PROC 8b - Transfer of substance or mixture (charging and discharging) at dedicated facilities PROC 9 - Transfer of substance or mixture into small containers (dedicated filling line, including weighing) PROC20 - Use of functional fluids in small devices Article Categories [AC]: AC99 - Not required. Environmental Release Category [ERC]: ERC 4 - Use of non-reactive processing aid at industrial site (no inclusion into or onto article) ERC 7 - Use of functional fluid at industrial site ERC 9a - Widespread use of functional fluid (indoor) ERC 9b - Widespread use of functional fluid (outdoor) Life cycle stages (LCS): LCS F - Formulation or re-packing LCS IS - Use at industrial sites LCS PW - Widespread use by professional workers I CS C - Consumer use Technical functions (TF): Lubricating agent Uses advised against: No information available at present.

#### 1.3 Details of the supplier of the safety data sheet

LIQUI MOLY GmbH Jerg-Wieland-Str. 4 89081 Ulm-Lehr Tel.: (+49) 0731-1420-0 Fax: (+49) 0731-1420-88

Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO NOT use for requesting Safety Data Sheets.



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#### Telephone number of the company in case of emergencies:

+49 (0) 700 / 24 112 112 (LMR)

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#### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) 1272/2008 (CLP)

The mixture is not classified as dangerous in the terms of the Regulation (EC) 1272/2008 (CLP).

#### 2.2 Label elements Labeling according to Regulation (EC) 1272/2008 (CLP)

EUH210-Safety data sheet available on request.

#### 2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

Product can compose a film on the water surface, which can prevent oxygen exchange. Hazardous to drinking water, on escape of even small quantities.

## **SECTION 3: Composition/information on ingredients**

#### 3.1 Substance

#### n.a. 3.2 Mixture

01-2119471299-27-XXXX
649-474-00-6
265-169-7
64742-65-0
1-<5
Asp. Tox. 1, H304

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.

The substances named in this section are given with their actual, appropriate classification!

For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

#### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

First-aiders should ensure they are protected!

Never pour anything into the mouth of an unconscious person!

#### Inhalation

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

#### Skin contact

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

#### Eye contact



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#### Remove contact lenses.

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

#### Ingestion

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Rinse the mouth thoroughly with water. Do not induce vomiting. Consult doctor immediately. Danger of aspiration.

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

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1. In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours. The following may occur: Drying of the skin. Irritation of the skin. May cause sensitisation by skin contact. Allergic contact eczema

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

Symptomatic treatment.

#### **SECTION 5: Firefighting measures**

### 5.1 Extinguishing media

#### Suitable extinguishing media

CO2 Dry extinguisher Water jet spray Foam

#### Unsuitable extinguishing media

High volume water jet

#### 5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop: Oxides of carbon Oxides of nitrogen Oxides of sulphur Flammable vapour/air mixtures

#### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Dispose of contaminated extinction water according to official regulations.

**SECTION 6: Accidental release measures** 

#### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid formation of oil mist. Avoid inhalation, and contact with eyes or skin. If applicable, caution - risk of slipping. **6.2 Environmental precautions** 

#### If leakage occurs, dam up.

Resolve leaks if this possible without risk. Prevent from entering drainage system. Prevent surface and ground-water infiltration, as well as ground penetration. If accidental entry into drainage system occurs, inform responsible authorities.

#### 6.3 Methods and material for containment and cleaning up

Soak up with absorbent material (e.g. universal binding agent) and dispose of according to Section 13. Oil binder

#### 6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.



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### **SECTION 7: Handling and storage**

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

#### 7.1 Precautions for safe handling 7.1.1 General recommendations

Ensure good ventilation.

Keep away from sources of ignition - Do not smoke.

Do not heat to temperatures close to flash point.

Take measures against electrostatic charging, if appropriate. Avoid long lasting or intensive contact with skin.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Do not carry cleaning cloths soaked in product in trouser pockets.

Observe directions on label and instructions for use.

#### 7.1.2 Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

#### 7.2 Conditions for safe storage, including any incompatibilities

Not to be stored in gangways or stair wells. Store product closed and only in original packing. Protect against moisture and store closed.

#### 7.3 Specific end use(s)

No information available at present.

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

Chemical Name	Oil mist, mineral				Content %:
					Content 70.
WEL-TWA: 5 mg/m3 (Mineral oil, e	excluding metal	WEL-STEL:			
working fluids, ACGIH)	-				
Monitoring procedures:	-	Draeger - Oil Mist 1/a (67 33 031)			
BMGV:			Other information:	-	

Distillates (petroleum), solvent-dewaxed heavy paraffinic									
Area of application	Exposure route / Effect on health Descriptor Value Unit Not								
	Environmental								
	compartment								
	Environment - oral (animal		PNEC	9,33	mg/kg feed				
	feed)								
Consumer	Human - inhalation	Long term, local effects	DNEL	1,2	mg/m3				
Workers / employees	Human - inhalation	Long term, local effects	DNEL	5,4	mg/m3				

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany).

(8) = Inhalable fraction (Directive 2017/164/EU, Directive 2004/37/CE). (9) = Respirable fraction (Directive 2017/164/EU, Directive 2004/37/CE). (11) = Inhalable fraction (Directive 2004/37/CE). (12) = Inhalable fraction. Respirable fraction in those Member States that implement, on the date of the entry into force of this Directive, a biomonitoring system with a biological limit value not exceeding 0,002 mg Cd/g creatinine in urine

(Directive 2004/37/CE). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). (8) = Inhalable fraction (2017/164/EU, 2017/2398/EU). (9) = Respirable fraction (2017/164/EU, 2017/2398/EU). (10) = Short-term exposure limit value in relation to a reference period of 1 minute (2017/164/EU). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through

skin. Carc = Capable of causing cancer and/or heritable genetic damage.

\*\* = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

(13) = The substance can cause sensitisation of the skin and of the respiratory tract (Directive 2004/37/CE), (14) = The substance can cause sensitisation of the skin (Directive 2004/37/CE).



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## 8.2 Exposure controls

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## 8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological investigative techniques.

These are specified by e.g. BS EN 14042.

BS EN 14042 "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

#### 8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection: Tight fitting protective goggles (EN 166) with side protection, with danger of splashes.

Skin protection - Hand protection: Chemical resistant protective gloves (EN 374). If applicable Protective nitrile gloves (EN 374). Minimum layer thickness in mm: 0,45 Permeation time (penetration time) in minutes: >= 480 Protective hand cream recommended.

The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions. The recommended maximum wearing time is 50% of breakthrough time.

Skin protection - Other: Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection: Normally not necessary. If OES or MEL is exceeded. Filter A2 P2 (EN 14387), code colour brown, white Observe wearing time limitations for respiratory protection equipment.

Thermal hazards: Not applicable

Additional information on hand protection - No tests have been performed.

In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents. Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

#### 8.2.3 Environmental exposure controls

No information available at present.

#### **SECTION 9: Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties

Physical state:



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Colour: Odour: Odour threshold: pH-value: Melting point/freezing point: Initial boiling point and boiling range: Flash point: Evaporation rate: Flammability (solid, gas): Lower explosive limit: Upper explosive limit: Vapour pressure: Vapour density (air = 1): Density: Bulk density: Solubility(ies): Water solubility: Partition coefficient (n-octanol/water): Auto-ignition temperature: Decomposition temperature: Viscosity: Viscosity: Explosive properties: Oxidising properties:

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#### 9.2 Other information

Miscibility: Fat solubility / solvent: Conductivity: Surface tension: Solvents content:

Characteristic Not determined Not determined Not determined Not determined 200 °C Not determined n.a. Not determined Not determined Not determined Not determined 0,855 g/ml n.a. Not determined Insoluble Not determined Not determined Not determined 85 mm2/s (40°C) 14,5 mm2/s (100°C) Product is not explosive. No

Yellow

Not determined Not determined Not determined Not determined Not determined

#### **SECTION 10: Stability and reactivity**

#### **10.1 Reactivity**

#### The product has not been tested.

**10.2 Chemical stability** Stable with proper storage and handling.

## 10.3 Possibility of hazardous reactions

No dangerous reactions are known.

## 10.4 Conditions to avoid

See also section 7. Open flame, ignition sources Protect from humidity.

#### **10.5 Incompatible materials**

See also section 7. Avoid contact with strong oxidizing agents.

## **10.6 Hazardous decomposition products**

See also section 5.2 No decomposition when used as directed.

#### **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

Possibly more information on health effects, see Section 2.1 (classification).

Vollsynthetisches Getriebeoel (GL5) SAE 75W-90 60 L

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	ATE	>2000	mg/kg			calculated value
Acute toxicity, by dermal route:						n.d.a.



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Vollsynthetisches Getriebeoel (G Art.: 1412	L5) SAE 75W	-90 60 L				
Aguta taxiaity, by inhalation:						n.d.a.
Acute toxicity, by inhalation: Skin corrosion/irritation:						n.d.a.
Serious eye damage/irritation:						n.d.a.
Respiratory or skin sensitisation:						n.d.a.
Germ cell mutagenicity:						n.d.a.
Carcinogenicity:						n.d.a.
Reproductive toxicity:						n.d.a.
Specific target organ toxicity - single exposure (STOT-SE): Specific target organ toxicity -						n.d.a.
repeated exposure (STOT-RE):						11.u.a.
Aspiration hazard:	1					n.d.a.
Symptoms:	1					n.d.a.
	·	•	ı		·	
Distillates (petroleum), solvent			115.11	Ormon la m	Test methed	Natas
Toxicity / effect Acute toxicity, by oral route:	Endpoint LD50	Value >5000	Unit	Organism Rat	Test method     OECD 401 (Acute Oral	Notes
Acute toxicity, by oral route.	LD50	>5000	mg/kg	Rai	Toxicity)	
Acute toxicity, by dermal route:	LD50	>5000	mg/kg	Rabbit	OECD 402 (Acute	
					Dermal Toxicity)	
Acute toxicity, by inhalation:	LD50	>5,53	mg/l/4h	Rat	OECD 403 (Acute	Aerosol
					Inhalation Toxicity)	
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute	Not irritant,
					Dermal	Analogous
					Irritation/Corrosion)	conclusion
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosion)	Not irritant, Analogous
Respiratory or skin				Mammalian	OECD 406 (Skin	conclusion No (skin
sensitisation:				Marinnanan	Sensitisation)	contact),
						Analogous
						conclusion
Germ cell mutagenicity:				Mammalian	OECD 474 (Mammalian Erythrocyte	Negative
Germ cell mutagenicity:				Mammalian	Micronucleus Test) OECD 473 (In Vitro	Negative,
Germ cen mutagementy.				wammanan	Mammalian	Analogous
					Chromosome	conclusion
					Aberration Test)	
Germ cell mutagenicity:				Salmonella	OECD 471 (Bacterial	Negative,
				typhimurium	Reverse Mutation Test)	Analogous conclusion
Carcinogenicity:				Mouse	OECD 451 (Carcinogenicity Studies)	Negative, Analogous
				Maura		conclusion
Carcinogenicity: Reproductive toxicity:				Mouse Rat		Female, Negativ
Reproductive toxicity				Rat	OECD 414 (Prenatal	Negative,
(Developmental toxicity):					Developmental Toxicity	Analogous
					Study)	conclusion
Reproductive toxicity (Effects				Rat	OECD 421	Negative,
on fertility):					(Reproduction/Developm ental Toxicity Screening Test)	Analogous conclusion
Aspiration hazard:	1					Yes
Symptoms:						mucous
						membrane
						irritation,
						dizziness,
	1			1		nausea



12.1. Toxicity to fish:   12.1. Toxicity to daphnia:   12.1. Toxicity to algae:   12.1. Toxicity to algae:   12.1. Toxicity to algae:   12.2. Persistence and   degradability:   12.3. Bioaccumulative   potential:   12.4. Mobility in soil:   12.5. Results of PBT   and vPvB assessment   12.6. Other adverse   effects:   Distillates (petroleum), sol	RE),	l effects, se	<b>DN 12: I</b> be Section 2		cal informatio	OECD 410 (Repeated Dose Dermal Toxicity - 90-Day) <b>n</b>	Analogous conclusion
Possibly more information o Vollsynthetisches Getriebo Art.: 1412 Toxicity / effect 12.1. Toxicity to fish: 12.1. Toxicity to daphnia: 12.2. Persistence and degradability: 12.3. Bioaccumulative potential: 12.4. Mobility in soil: 12.5. Results of PBT and vPvB assessment 12.6. Other adverse effects: Distillates (petroleum), sol	RE), on environmenta peoel (GL5) SAE	SECTIO effects, se 75W-90 6	DN 12: I	bw/d	cal informatio	Dose Dermal Toxicity - 90-Day)	
Vollsynthetisches Getrieb Art.: 1412 Toxicity / effect 12.1. Toxicity to fish: 12.1. Toxicity to daphnia: 12.1. Toxicity to dapae: 12.2. Persistence and degradability: 12.3. Bioaccumulative potential: 12.4. Mobility in soil: 12.5. Results of PBT and vPvB assessment 12.6. Other adverse effects: Distillates (petroleum), sol	on environmenta beoel (GL5) SAE	l effects, se 75W-90 6	ee Section 2 0 L	2.1 (classific	ation).	n	
Vollsynthetisches Getrieb Art.: 1412 Toxicity / effect 12.1. Toxicity to fish: 12.1. Toxicity to daphnia: 12.1. Toxicity to dapae: 12.2. Persistence and degradability: 12.3. Bioaccumulative potential: 12.4. Mobility in soil: 12.5. Results of PBT and vPvB assessment 12.6. Other adverse effects: Distillates (petroleum), sol	eoel (GL5) SAE	75W-90 6	0 L				
Vollsynthetisches Getrieb Art.: 1412 Toxicity / effect 12.1. Toxicity to fish: 12.1. Toxicity to daphnia: 12.1. Toxicity to algae: 12.2. Persistence and degradability: 12.3. Bioaccumulative potential: 12.4. Mobility in soil: 12.5. Results of PBT and vPvB assessment 12.6. Other adverse effects: Distillates (petroleum), sol	eoel (GL5) SAE	75W-90 6	0 L				
Toxicity / effect   12.1. Toxicity to fish:   12.1. Toxicity to daphnia:   12.1. Toxicity to algae:   12.1. Toxicity to algae:   12.1. Toxicity to algae:   12.2. Persistence and   degradability:   12.3. Bioaccumulative   potential:   12.4. Mobility in soil:   12.5. Results of PBT   and vPvB assessment   12.6. Other adverse   effects:   Distillates (petroleum), sol	Endpoint	Time	Value	Unit	Organism		
12.1. Toxicity to fish: 12.1. Toxicity to daphnia: 12.1. Toxicity to algae: 12.2. Persistence and degradability: 12.3. Bioaccumulative potential: 12.4. Mobility in soil: 12.5. Results of PBT and vPvB assessment 12.6. Other adverse effects: Distillates (petroleum), sol			value	Unit	Organism	Test method	Notes
12.1. Toxicity to daphnia: 12.1. Toxicity to algae: 12.2. Persistence and degradability: 12.3. Bioaccumulative potential: 12.4. Mobility in soil: 12.5. Results of PBT and vPvB assessment 12.6. Other adverse effects: Distillates (petroleum), sol						Test method	n.d.a.
12.2. Persistence and degradability: 12.3. Bioaccumulative potential: 12.4. Mobility in soil: 12.5. Results of PBT and vPvB assessment 12.6. Other adverse effects: Distillates (petroleum), sol							n.d.a.
degradability: 12.3. Bioaccumulative botential: 12.4. Mobility in soil: 12.5. Results of PBT and vPvB assessment 12.6. Other adverse effects: Distillates (petroleum), sol							n.d.a.
12.3. Bioaccumulative potential: 12.4. Mobility in soil: 12.5. Results of PBT and vPvB assessment 12.6. Other adverse effects: Distillates (petroleum), sol							Isolate as muc
botential: 12.4. Mobility in soil: 12.5. Results of PBT and vPvB assessment 12.6. Other adverse effects: Distillates (petroleum), sol							as possible wit an oil separato
12.4. Mobility in soil: 12.5. Results of PBT and vPvB assessment 12.6. Other adverse effects: Distillates (petroleum), sol							n.d.a.
2.5. Results of PBT and vPvB assessment 2.6. Other adverse effects: Distillates (petroleum), sol							
and vPvB assessment 12.6. Other adverse effects: Distillates (petroleum), sol							n.d.a.
12.6. Other adverse effects: Distillates (petroleum), sol							n.d.a.
Distillates (petroleum), sol							n.d.a.
	lvont-doward	hoavy nar	affinic				
	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.5. Results of PBT	•						No PBT
and vPvB assessment							substance, No vPvB substance
12.1. Toxicity to fish:	LC50	96h	>100	mg/l	Pimephales	OECD 203 (Fish,	Analogous
					promelas	Acute Toxicity	conclusion
AO A Taulaitu ta Gaba		4.41	4000		Ou sank washing	Test)	
12.1. Toxicity to fish:	NOEC/NOEL	14d	1000	mg/l	Oncorhynchus mykiss	QSAR	
12.1. Toxicity to fish:	LC50	96h	>1000	mg/l	Salmo gairdneri		
	LC50	96h	>5000	mg/l	Oncorhynchus	OECD 203 (Fish,	
					mykiss	Acute Toxicity	
12.1. Toxicity to daphnia:	EC50	48h	>1000	mg/l	Daphnia magna	Test) OECD 202	Analogous
and the second second						(Daphnia sp.	conclusion
						Acute	
						Immobilisation Test)	
12.1. Toxicity to algae:	EC50	96h	>1000	mg/l	Scenedesmus	1.000	
12.2. Persistence and		28d	6	%	subspicatus	OECD 301 B	
degradability:		200	σ	70		(Ready	
						Biodegradability -	
						Co2 Evolution	
12.2. Persistence and		28d	31	%	activated aludra	Test) OECD 301 F	Not roadily
degradability:		200	51	70	activated sludge	(Ready	Not readily biodegradable
and grades inty.						Biodegradability -	(Analogous
						Manometric	conclusion)
	Les Deux					Respirometry Test)	1
12.3. Bioaccumulative otential:	Log Pow		>3				Low
	EC20	6h	>1000	mg/l	Pseudomonas		

## **SECTION 13: Disposal considerations**



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## 13.1 Waste treatment methods

#### For the substance / mixture / residual amounts

Soaked polluted cloths, paper or other organic materials represent a fire hazard and should be controlled, collected and disposed of. The waste codes are recommendations based on the scheduled use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2014/955/EU) 13 02 05 mineral-based non-chlorinated engine, gear and lubricating oils Recommendation: Sewage disposal shall be discouraged. Pay attention to local and national official regulations. E.g. dispose at suitable refuse site. E.g. suitable incineration plant. For contaminated packing material Pay attention to local and national official regulations. 15 01 01 paper and cardboard packaging 15 01 02 plastic packaging 15 01 04 metallic packaging Empty container completely. Uncontaminated packaging can be recycled. Dispose of packaging that cannot be cleaned in the same manner as the substance. SECTION 14: Transport information **General statements** 14.1. UN number: n.a. Transport by road/by rail (ADR/RID) 14.2. UN proper shipping name: 14.3. Transport hazard class(es): n.a. 14.4. Packing group: n.a. Classification code: n.a. IQ: n.a. 14.5. Environmental hazards: Not applicable Tunnel restriction code: Transport by sea (IMDG-code) 14.2. UN proper shipping name: 14.3. Transport hazard class(es): n.a. 14.4. Packing group: n.a. Marine Pollutant: n.a 14.5. Environmental hazards: Not applicable

#### Transport by air (IATA)

14.2. UN proper shipping name: 14.3. Transport hazard class(es): n.a. 14.4. Packing group: n.a. 14.5. Environmental hazards: Not applicable 14.6. Special precautions for user

Unless specified otherwise, general measures for safe transport must be followed.

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

Non-dangerous material according to Transport Regulations.

#### **SECTION 15: Regulatory information**

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

Observe restrictions:

General hygiene measures for the handling of chemicals are applicable.



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Directive 2010/75/EU (VOC):

0 %

#### 15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

## **SECTION 16: Other information**

1

**Revised sections:** 

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# Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

Not applicable

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).

H304 May be fatal if swallowed and enters airways.

Asp. Tox. — Aspiration hazard

#### Any abbreviations and acronyms used in this document:

acc., acc. to according, according to	
ADR Accord européen relatif au transport international des marchandises Dangereus	es par Route (= European Agreement concerning the
International Carriage of Dangerous Goods by Road)	
AOX Adsorbable organic halogen compounds	
approx. approximately	
Art., Art. no. Article number	
ASTM ASTM International (American Society for Testing and Materials)	
BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials	Research and Testing, Germany)
BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occu	upational Health and Safety, Germany)
BSEF The International Bromine Council	
bw body weight	
CAS Chemical Abstracts Service	
CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on of	classification, labelling and packaging of substances
and mixtures)	
CMR carcinogenic, mutagenic, reproductive toxic	
DMEL Derived Minimum Effect Level	
DNEL Derived No Effect Level	
dw dry weight	
e.g. for example (abbreviation of Latin 'exempli gratia'), for instance	
EC European Community	
ECHA European Chemicals Agency	
EEC European Economic Community	
EINECS European Inventory of Existing Commercial Chemical Substances	
ELINCS European List of Notified Chemical Substances	
EN European Norms	
EPA United States Environmental Protection Agency (United States of America)	
etc. et cetera	
EU European Union	
EVAL Ethylene-vinyl alcohol copolymer	
Fax. Fax number	
gen. general	
GHS Globally Harmonized System of Classification and Labelling of Chemicals	
GWP Global warming potential	
IARC International Agency for Research on Cancer	
IATA International Air Transport Association	
IBC (Code) International Bulk Chemical (Code)	
IMDG-code International Maritime Code for Dangerous Goods	
incl. including, inclusive	
IUCLID International Uniform Chemical Information Database	



ആ Page 11 of 11 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 31.08.2020 / 0016 Replacing version dated / version: 07.01.2020 / 0015 Valid from: 31.08.2020 PDF print date: 31.08.2020 Vollsynthetisches Getriebeoel (GL5) SAE 75W-90 60 L Art.: 1412 Limited Quantities LQ MARPOL International Convention for the Prevention of Marine Pollution from Ships not applicable n.a. not available n.av. not checked n.c. n.d.a. no data available OECD Organisation for Economic Co-operation and Development organic org. PBT persistent, bioaccumulative and toxic ΡE Polyethylene PNEC Predicted No Effect Concentration parts per million ppm Polyvinylchloride PVC REACHRegistration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals) 9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List REACH-IT List-No. Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT. Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International RID Carriage of Dangerous Goods by Rail) SVHC Substances of Very High Concern Tel. Telephone UN RTDG United Nations Recommendations on the Transport of Dangerous Goods VOC Volatile organic compounds vPvB very persistent and very bioaccumulative wwt wet weight The statements made here should describe the product with regard to the necessary safety precautions - they are

not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.

These statements were made by:

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