



SAFETY DATA SHEET

according to the REACH Regulation (EC) 1907/2006
amended by Regulation (EU) 2020/878

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Version: 1.0

Date of compilation: 01.07.2024.

GEAROIL-(ATF-VI)-4LTR

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product identifier:

- Trade name: GEAROIL-(ATF-VI)-4LTR

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

Relevant identified uses: gear, differential and transmission oil.

Uses advised against: do not use this chemical for any purpose other than as described in the "Relevant identified uses".

1.3. Details of the supplier of the safety data sheet

Supplier: Würth Gulf FZE
Address: P.O.Box:17036, Jebel Ali Freezone, South 6, Dubai, U.A.E
Telephone number: +971 50 858 2034
Email address for a competent person responsible for the safety data sheet: info@wurth.ae

1.4. Emergency telephone number

Unified emergency number: 112

SECTION 2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]:

This mixture does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

Physical and chemical hazards: the chemical is not classified as hazardous based on its physical and chemical properties.

Human health hazards: the chemical is not classified as hazardous to human health. Sensitive people may develop an allergic reaction in dermal contact with the chemical.

Environmental hazards: the chemical is not classified as hazardous to the environment.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]:

Product identifier:

- Trade name: GEAROIL-(ATF-VI)-4LTR

Hazard pictograms: not applicable.

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Signal word: not applicable.

Hazard statements: not applicable.

Precautionary statements:

P102: Keep out of reach of children.

Supplemental information:

EUH208: Contains 4,4'-thiodiethylene hydrogen-2-octadeceny succinate. May produce an allergic reaction.

2.3. Other hazards

This mixture does not contain any substances that are assessed to be a PBT or a vPvB in a concentration $\geq 0,1$ %.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

Other hazards which do not result in classification: the chemical is not classified as flammable, but it can burn. Vapors can form explosive mixtures with air.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable.

3.2. Mixtures

Product identifier	Chemical name	Classification ¹	SCL, M-factor, ATE	Concentration, % (m/m)
Index: 649-467-00-8 CAS: 64742-54-7 EC: 265-157-1 REACH: -	Distillates (petroleum), hydrotreated heavy paraffinic <i>(Note L)</i>	not classified	-	80 < C < 90
Index: 649-468-00-3 CAS: 64742-55-8 EC: 265-158-7 REACH: -	Distillates (petroleum), hydrotreated light paraffinic <i>(Note L)</i>	Asp. Tox. 1; H304	-	< 1,5
Index: 649-483-00-5 CAS: 72623-87-1 EC: 276-738-4	Lubricating oils (petroleum), C ₂₀₋₅₀ , hydrotreated neutral oil-based <i>(Note L)</i>	Asp. Tox. 1; H304	-	< 1,5

¹ According to Regulation (EC) No. 1272/2008 (CLP)

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REACH: -				
Index: 649-482-00-X CAS: 72623-86-0 EC: 276-737-9 REACH: -	Lubricating oils (petroleum), C ₁₅₋₃₀ , hydrotreated neutral oil-based <i>(Note L)</i>	Asp. Tox. 1; H304	-	< 1,5
Index: 607-530-00-7 CAS: 125643-61-0 EC: 406-040-9 REACH: -	Reaction mass of isomers of: C ₇₋₉ -alkyl 3-(3,5-di- <i>tert</i> -butyl- 4-hydroxyphenyl)propionate	Aquatic Chronic 4; H413	-	< 1,5
Index: 649-469-00-9 CAS: 64742-56-9 EC: 265-159-2 REACH: -	Distillates (petroleum), solvent-dewaxed light paraffinic <i>(Note L)</i>	Asp. Tox. 1; H304	-	< 1,5
Index: - CAS: - EC: 701-204-9 REACH: -	Reaction products of fatty acids, C14-C18 (branched and linear) and C18 (unsaturated) with tetraethylenepentamine (linear, branched, cyclic)	Skin Irrit. 2; H315 Eye Irrit. 2; H319	-	< 1,5
Index: - CAS: - EC: 424-820-7 REACH: -	Alkyl phosphites	Acute Tox. 4; H312 Skin Corr. 1B; H314 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	² M _(acute) = 10 M _(Chronic) = 10	< 0,3
Index: - CAS: 93882-40-7 EC: 299-434-3 REACH: -	4,4'-thiodiethylene hydrogen- 2-octadecenylsuccinate	Skin Sens. 1; H317 Eye Irrit. 2; H319 Aquatic Chronic 2; H411	-	< 0,15

Note L: The harmonised classification as a carcinogen applies unless it can be shown that the substance contains less than 3 % of dimethyl sulphoxide extract as measured by IP 346 ('Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions – Dimethyl sulphoxide extraction refractive index method' Institute of Petroleum, London), in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard class.

Substances *Distillates (petroleum), hydrotreated heavy paraffinic, Distillates (petroleum), hydrotreated light paraffinic, Lubricating oils (petroleum), C₂₀₋₅₀, hydrotreated neutral oil-based, Lubricating oils (petroleum), C₁₅₋₃₀, hydrotreated neutral oil-based and Distillates (petroleum), solvent-dewaxed light*

² M factors for acute and chronic aquatic toxicity were taken from the substance registration dossier, from the website of the European Chemicals Agency (ECHA).

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paraffinic are not classified as carcinogenic substances, because contain less than 3% of dimethyl sulphoxide extract as measured by IP 346 method.

Full text of H- and EUH-statements: see Section 16.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures after inhalation: remove exposed person from contaminated area. Lay patient down, keep warm and rested. Get medical attention.

First-aid measures after skin contact: wash the exposed parts of the skin with plenty of water and soap. If irritation occurs, continues and/or worsens, stop using the chemical and consult a physician.

First-aid measures after eye contact: rinse the eyes immediately with fresh running water. Ensure complete rinsing of the eye by keeping the eyelids separate and away from the eyeballs. Seek medical attention if irritation occurs.

First-aid measures after ingestion: do not induce vomiting. If spontaneous vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Never give anything to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Seek medical attention. If any of the following delayed signs and symptoms appear within the next 6 hours, transport the injured person to the nearest medical facility: fever greater than 38,3°C, shortness of breath, chest congestion, continuous coughing or wheezing.

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

Symptoms / effects after inhalation: the chemical may be harmful when inhaled, it may cause irritation of the respiratory tract.

Symptoms / effects after skin contact: repeated or prolonged exposure may cause dermatitis, due to the degreasing properties of the chemical. Signs and symptoms may include a burning sensation and/or a dry/cracked skin appearance. Sensitive people may develop an allergic reaction in dermal contact with the chemical.

Symptoms / effects after eye contact: direct contact of the chemical with the eyes may cause to irritation. Exposure symptoms may include a burning sensation, increased tearing and redness.

Symptoms / effects after ingestion: irritation of the gastrointestinal tract, nausea, vomiting and diarrhea may occur. Through ingestion or vomiting after ingestion, the chemical may get into the lungs, causing chemical pneumonia. If the chemical gets into the lungs, signs and symptoms may include: coughing, choking, wheezing, difficulty breathing, chest tightness, shortness of breath, and/or fever. The onset of respiratory symptoms may be delayed several hours after exposure.

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

Potential for chemical pneumonia, thoroughly observe the patient and treat symptomatically.



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SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: alcohol-resistant foam, dry chemical powder extinguishers, carbon dioxide (CO₂). Use water spray or water mist for cooling. Sand or earth may be used for small fires.

Unsuitable extinguishing media: strong water jet, because it may expand the fire.

5.2. Special hazards arising from the substance or mixture

Toxic fumes containing carbon monoxide (CO), carbon dioxide (CO₂) and various hydrocarbons can be emitted during the combusting of this chemical. Vapors can form explosive mixtures with air.

5.3. Advice for firefighters

Do not approach containers suspected to be hot. If safe and possible to do so, remove containers from path of fire. Cool fire exposed containers with water spray or water fog from a protected location. Never use water to extinguish the fire. Avoid polluting the environment by overusing fire extinguishers. It should not be allowed that firefighting residues get into the sewers and underground water.

Special protective equipment for firefighters: full protective clothing and self-contained breathing apparatus (SCBA).

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: ensure adequate ventilation (especially in small, confined spaces). Avoid inhalation of vapors / fumes / aerosols. Avoid contact with eyes and skin. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Keep away from incompatible products and evacuate the area.

For emergency responders: move personnel to the nominated evacuation assembly area. Surfaces are slippery when the chemical is spilled. Ensure adequate ventilation (especially in small, confined spaces). Avoid inhalation of vapors / fumes / aerosols. Avoid contact with eyes and skin. Consider exposure limit values and use personal protective equipment listed in Section 8.

6.2. Environmental precautions

Avoid spreading of the spilled chemical, its runoff and contact with the soil, waterways, drains or sewers. Notify the competent authorities if there is pollution of the environment (soil, watercourses or sewage).

6.3. Methods and material for containment and cleaning up

Advice on how to contain a spill: control the spread of a spilled chemical by building barriers of sand, earth or other containment material.



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Advice on how to clean-up a spill: approach the accident site from upwind. Remove the spilled contents with an inert non-flammable absorbent (e.g. vermiculite, sand) and dispose of it as hazardous waste in accordance with current regulations.

Other information relating to spills and releases: not data available.

6.4. Reference to other sections

See Section 8 for information on personal protection measures.

See Section 13 for information on waste treatment and disposal.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling: avoid contact with skin and eyes. Use local exhaust ventilation if there is risk of inhalation of vapors, mists or aerosols. Vapors can form explosive mixtures with air. Protect this chemical from heat, flames, sparks and extremes of temperature.

Hygiene measures: observe safety measures at work, fire prevention and general hygiene measures. Do not eat, drink or smoke during handling. Before taking a break and after finishing work, wash your hands thoroughly. Remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry and well-ventilated area protected from environmental extremes. Protect from heat, flames, sparks, extremes of temperature and direct sunlight. Keep away from food, drink and animal feeding stuffs.

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe manufacturer's storing and handling recommendations.

7.3. Specific end use(s)

Identified uses are listed in Subsection 1.2.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

The following data are available for mineral oil mist: TWA-ACGIH: 5 mg/m³.

DNEL		
Distillates (petroleum), hydrotreated heavy paraffinic (CAS: 64742-54-7)		
Oral	Long term exposure - systemic effects	0,74 mg/kg bw/day (general population)
Dermal	Long term exposure - systemic effects	0,97 mg/kg bw/day (workers)

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Inhalation	Long term exposure - local effects	5,58 mg/m ³ (workers)
	Long term exposure - systemic effects	2,73 mg/m ³ (workers)
Lubricating oils (petroleum), C₁₅₋₃₀, hydrotreated neutral oil-based (CAS: 72623-86-0)		
Oral	Long term exposure - systemic effects	0,74 mg/kg bw/day (general population)
Dermal	Long term exposure - systemic effects	1 mg/kg bw/day (workers)
Inhalation	Long term exposure - local effects	5,6 mg/m ³ (workers)
	Long term exposure - systemic effects	2,7 mg/m ³ (workers)
Reaction mass of isomers of: C₇₋₉-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (CAS: 125643-61-0)		
Dermal	Acute/short term exposure - local effects	1 mg/cm ³ (workers)
	Acute/short term exposure - systemic effects	20 mg/kg bw/day (workers)
	Long term exposure - local effects	0,006 mg/cm ³ (workers)
	Long term exposure - systemic effects	0,22 mg/kg bw/day (workers)
Reaction products of fatty acids, C₁₄-C₁₈ (branched and linear) and C₁₈ (unsaturated) with tetraethylenepentamine (linear, branched, cyclic) (EC: 701-204-9)		
Oral	Long term exposure - systemic effects	1,67 mg/kg bw/day (general population)
Dermal	Long term exposure - systemic effects	1,67 mg/kg bw/day (general population) 3,33 mg/kg bw/day (workers)
Inhalation	Long term exposure - systemic effects	2,9 mg/m ³ (general population) 11,75 mg/m ³ (workers)

PNEC	
Distillates (petroleum), hydrotreated heavy paraffinic (CAS: 64742-54-7)	
PNEC oral (secondary poisoning, predators)	9,33 mg/kg food
Reaction mass of isomers of: C₇₋₉-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (CAS: 125643-61-0)	
PNEC water	0,0043 mg/l (fresh water) 0,00043 mg/l (marine water)
PNEC sediment	233 mg/kg (fresh water sediment) 23,3 mg/kg (marine water sediment)
PNEC soil	189 mg/kg
Reaction products of fatty acids, C₁₄-C₁₈ (branched and linear) and C₁₈ (unsaturated) with tetraethylenepentamine (linear, branched, cyclic) (EC: 701-204-9)	
PNEC oral (secondary poisoning)	33,3 mg/kg food

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PNEC water	0,46 mg/l (fresh water) 0,046 mg/l (marine water) 0,94 mg/l (intermittent release)
PNEC sediment	38100 mg/kg (fresh water sediment) 3810 mg/kg (marine water sediment)
PNEC soil	10 mg/kg dwt
PNEC STP	1000 mg/l
Alkyl phosphites (EC: 424-820-7)	
PNEC water	0,0036 mg/l (fresh water)
PNEC sediment	0,128 mg/kg (fresh water sediment)
PNEC soil	0,104 mg/kg
4,4'-thiodiethylene hydrogen-2-octadeceny succinate (CAS: 93882-40-7)	
PNEC water	0,000062 mg/l (fresh water)

8.2. Exposure controls

Appropriate engineering controls: use closed apparatus if possible. If release of the chemical cannot be prevented, then it should be vacuumed at the point of release. Ensure adequate ventilation, do not breathe vapors, consider emission limit values. Label containers clearly and do not leave them open. The chemical must not be present at workplaces in quantities above that required for work to be progressed.

Individual protection measures: handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks, before eating or drinking and at the end of workday.

Personal protective equipment:

- *Eye/face protection:* in an emergency or during manufacture wear goggles or glasses with side protection complying with EN 166 to protect the eyes against splashes.
- *Skin protection:*
 - *Hand protection:* wear protective gloves made of PVC, neoprene or nitrile rubber, with a thickness of at least 0,35 mm, complying with EN 374. Application of a non-perfumed moisturizer is recommended. Suitability and durability of a glove is dependent on usage. In practice, the conditions in which gloves are used may differ from those standardized according to EN 374, and the usage time should be considered as at least half of the wear time in accordance with the recommendation of glove manufacturers.
 - *Body protection:* take the entire process into account. To avoid exposure, use disposable laminated coveralls and closed shoes complying with EN 340.

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- **Respiratory protection:** under normal conditions of use, no respiratory protective equipment is required in closed systems. In open systems, even if the amount is small, wear respirators with A-P3 combined filter (Color code: Brown- white) complying with EN 141.
- **Thermal hazards:** no data available.

Environmental exposure controls: do not allow the chemical to enter the environment by applying appropriate control measures. Spillages or uncontrolled discharges into waterways must be reported to the competent regulatory body (authority).

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	no data available
Odour:	no data available
Melting point/freezing point:	no data available
Boiling point or initial boiling point and boiling range:	no data available
Flammability:	no data available
Lower and upper explosion limit:	no data available
Flash point:	210°C
Auto-ignition temperature:	no data available
Decomposition temperature:	no data available
pH:	no data available
Kinematic viscosity:	29,5 mm ² /s at 40°C 6 mm ² /s at 100°C
Solubility:	no data available
Partition coefficient n-octanol/water (log value):	no data available
Vapour pressure:	no data available
Density and/or relative density:	density: 845 kg/m ³ at 15°C (EN ISO 3675)
Relative vapour density:	no data available
Particle characteristics:	no data available

9.2. Other information

Viscosity index: 155

Pour point: - 50°C

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SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

The chemical is not reactive under normal conditions.

10.2. Chemical stability

The chemical is considered stable under the recommended usage and storage conditions.

10.3. Possibility of hazardous reactions

May give exothermic reactions with strong oxidizing agents.

10.4. Conditions to avoid

Vapors can form explosive mixtures with air. Protect from heat, flame, sparks and extreme temperatures. Avoid storage and contact with incompatible materials.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Under the recommended conditions of storage and handling, hazardous decomposition products should not be produced.

SECTION 11. TOXICOLOGICAL INFORMATION

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

Acute toxicity: based on available data, the classification criteria are not met. Available data on the acute toxicity of the ingredients of the mixture are listed in the following table.

Product identifier	Chemical name	Acute toxicity
Index: 649-467-00-8 CAS: 64742-54-7 EC: 265-157-1 REACH: -	Distillates (petroleum), hydrotreated heavy paraffinic	LD ₅₀ : > 5000 mg/kg (rat, oral) LD ₅₀ : > 2000 mg/kg (rabbit, dermal) LC ₅₀ /4h: > 5,53 mg/l (rat, inhalation)
Index: 649-482-00-X CAS: 72623-86-0 EC: 276-737-9 REACH: -	Lubricating oils (petroleum), C ₁₅₋₃₀ , hydrotreated neutral oil-based	LD ₅₀ : > 5000 mg/kg (rat, oral) LD ₅₀ : > 2000 mg/kg (rabbit, dermal) LC ₅₀ /4h: > 5,53 mg/l (rat, inhalation)
Index: 607-530-00-7 CAS: 125643-61-0 EC: 406-040-9	Reaction mass of isomers of: C ₇₋₉ -alkyl 3-(3,5-di- <i>tert</i> -butyl-4- hydroxyphenyl)propionate	LD ₅₀ : > 2000 mg/kg (rat, oral, OECD 401) LD ₅₀ : > 2000 mg/kg (rat, dermal, OECD 402)

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REACH: -		
Index: - CAS: - EC: 424-820-7 REACH: -	Alkyl phosphites	LD ₅₀ : > 5000 mg/kg (rat, oral, OECD 401) LD ₅₀ : > 2000 mg/kg (rabbit, dermal, OECD 402)
Index: - CAS: 93882-40-7 EC: 299-434-3 REACH: -	4,4'-thiodiethylene hydrogen- 2-octadecenylsuccinate	LD ₅₀ : > 10000 mg/kg (rat, male, oral)

Skin corrosion/irritation: based on available data, the classification criteria are not met.

Serious eye damage/irritation: based on available data, the classification criteria are not met.

Respiratory or skin sensitisation: based on available data, the classification criteria are not met.

Germ cell mutagenicity: based on available data, the classification criteria are not met.

Carcinogenicity: based on available data, the classification criteria are not met.

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

STOT-single exposure: based on available data, the classification criteria are not met.

STOT-repeated exposure: based on available data, the classification criteria are not met.

Aspiration hazard: based on available data, the classification criteria are not met.

Information on likely routes of exposure: ingestion (swallowing), inhalation, skin/eye exposure.

Symptoms related to the physical, chemical and toxicological characteristics: if known, symptoms of exposure are listed in Subsection 4.2.

Delayed and immediate effects as well as chronic effects from short and long-term exposure: if known, the effects of exposure are listed in Subsection 4.2

Interactive effects: no data available.

Absence of specific data: no data available.

Mixtures: no data available.

Mixture versus substance information: no data available.

11.2. Information on other hazards

Endocrine disrupting properties: the mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated

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Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

Other information: no data available.

SECTION 12. ECOLOGICAL INFORMATION**12.1. Toxicity**

Based on the available data, the classification criteria are not met. The chemical is not classified as dangerous to the environment.

12.2. Persistence and degradability

Available data for the ingredients of the mixture are listed in the table below.

Product identifier	Chemical name	Biodegradability
Index: 649-467-00-8 CAS: 64742-54-7 EC: 265-157-1 REACH: -	Distillates (petroleum), hydrotreated heavy paraffinic	inherently biodegradable
Index: 607-530-00-7 CAS: 125643-61-0 EC: 406-040-9 REACH: -	Reaction mass of isomers of: C ₇₋₉ -alkyl 3-(3,5-di- <i>tert</i> -butyl-4-hydroxyphenyl)propionate	not readily biodegradable (OECD Test Guideline 301B)
Index: - CAS: - EC: 701-204-9 REACH: -	Reaction products of fatty acids, C14-C18 (branched and linear) and C18 (unsaturated) with tetraethylenepentamine (linear, branched, cyclic)	not readily biodegradable 21,8% in 28 days (OECD Test Guideline 301B)
Index: - CAS: - EC: 424-820-7 REACH: -	Alkyl phosphites	not readily biodegradable 52,9% in 60 days (OECD Test Guideline 301B)
Index: - CAS: 93882-40-7 EC: 299-434-3 REACH: -	4,4'-thiodiethylene hydrogen-2-octadecenylsuccinate	not readily biodegradable 11% - 14% (OECD Test Guideline 301)

12.3. Bioaccumulative potential

Available data for the ingredients of the mixture are listed in the table below.

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Product identifier	Chemical name	Partition coefficient n-octanol/water (Log Pow)	Bioconcentration factor (BCF)
Index: 607-530-00-7 CAS: 125643-61-0 EC: 406-040-9 REACH: -	Reaction mass of isomers of: C ₇₋₉ -alkyl 3-(3,5-di- <i>tert</i> -butyl-4-hydroxyphenyl)propionate	9,2	260 (35 days, <i>Oncorhynchus mykiss</i> , accumulation in organisms is possible)
Index: - CAS: - EC: 701-204-9 REACH: -	Reaction products of fatty acids, C ₁₄ -C ₁₈ (branched and linear) and C ₁₈ (unsaturated) with tetraethylenepentamine (linear, branched, cyclic)	> 9,36 (accumulation in aquatic organisms is unlikely)	no data available
Index: - CAS: - EC: 424-820-7 REACH: -	Alkyl phosphites	accumulation in organisms is possible	no data available
Index: - CAS: 93882-40-7 EC: 299-434-3 REACH: -	4,4'-thiodiethylene hydrogen-2-octadecenylsuccinate	does not accumulate in organisms	140 - 410

12.4. Mobility in soil

The substances contained in the mixture are adsorbed on soil particles and are not mobile.

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB in a concentration \geq 0,1 %.

12.6. Endocrine disrupting properties

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

12.7. Other adverse effects

When the product leaks or spills into water, it floats on the surface and may prevent the transfer of oxygen from the air to the water surface.

SECTION 13. DISPOSAL CONSIDERATIONS

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Waste treatment methods: waste generation should be avoided or minimized whenever possible. For further disposal and treatment of contaminated packaging and unused chemicals, contact an authorized operator. All waste disposal procedures must be in accordance with the requirements of environmental protection and applicable regulations.

Avoid discharge into the sewage system.

Waste treatment of contaminated packaging: the treatment and disposal of contaminated packaging must comply with the regulations in force. Empty containers should be recycled or disposed of in accordance with current regulations. Since empty containers may retain chemical residues, follow the warnings on the label.

Regulations related to waste management:

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended.

SECTION 14. TRANSPORT INFORMATION

The chemical is not classified as dangerous according to the current regulations governing the transport of dangerous goods by road (ADR), rail (RID), sea (IMDG), air (ICAO TI) and inland waterways (ADN).

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

Mixture is environmentally hazardous (ADR / RID / ADN): NO.

Marine pollutant (IMDG): NO.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

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GEAROIL-(ATF-VI)-4LTR**SECTION 15. REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006, as amended
COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for this mixture.

SECTION 16. OTHER INFORMATION

Indication of changes: not applicable; first edition (first version).

Abbreviations and acronyms:

CAS: Chemical Abstracts Service

CLP: Classification, labeling and packaging of substances and mixture

SCL: Specific Concentration Limit

ATE: Acute Toxicity Estimate

PBT: Persistent, Bioaccumulative and Toxic

vPvB: Very Persistent and Very Bioaccumulative

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006

Asp. Tox. 1: Aspiration hazard, Category 1

Acute Tox. 4: Acute toxicity, Category 4

Skin Corr. 1B: Skin corrosion/irritation, Sub-category 1B

Skin Irrit. 2: Skin corrosion/irritation, Category 2

Skin Sens. 1: Skin sensitization, Category 1

Eye Irrit. 2: Serious eye damage/eye irritation, Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

Aquatic Chronic 4: Hazardous to the aquatic environment - Chronic Hazard, Category 4

TWA: Time Weighted Average

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ACGIH: American Conference on Governmental Industrial Hygienists

DNEL: **Derived-No Effect Level**

bw: bodyweight

PNEC: **Predicted No-Effect Concentration**

dwt: dry weight

STP: **Sewage Treatment Plant**

LD₅₀: Median lethal dose

LC₅₀: Median lethal concentration

OECD: Organization for Economic Co-operation and Development

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: International Maritime Dangerous Goods

ICAO-TI: International Civil Aviation Organization - Technical Instruction

Key literature references and sources for data:

Safety data sheets of the components involved in the formulation of the chemical BELL ATF DEXRON VI

Data on the physical and chemical properties of the chemical BELL ATF DEXRON VI

www.echa.europa.eu

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

The Bridging rule (principal) for dilution was used to assess the hazard of the mixture in relation to the hazard class *Hazardous to the aquatic environment*. The substances listed in Section 3. of this SDS, which could potentially contribute to the classification of the whole mixture in the hazard class *Hazardous to the aquatic environment*, originate from the additive used as a raw material in the production process of the mixture BELL ATF DEXRON VI. The used additive has been examined (tested) and there are experimentally determined ecotoxicological data which indicate that the additive itself is not classified as dangerous for the environment. Applying the bridging rule (principle) for dilution, it is concluded that the mixture BELL ATF DEXRON VI will not be classified as dangerous for the environment either.

Relevant H-statements (number and full text):

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

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H411: Toxic to aquatic life with long lasting effects.

H413: May cause long lasting harmful effects to aquatic life.

Relevant EUH-statements (number and full text): not applicable.

Advice on any training appropriate for workers: taking into account the information from this safety sheet as well as all other relevant data, define and implement appropriate training for employees for each workplace.

The information contained in this safety data sheet is based on our knowledge and experience as of the date of the last version and describes the chemical from a safety perspective. As the use of the chemical is not under our direct control, it is the responsibility of the user to comply with applicable laws and measures related to hygiene and safety.