Safety data sheet

Safety data sheet according to Regulation (EC) No. 1907/2006
Date / Revised: 2019/02/13 Version 1.0
TRADE NAME: ETG – YOUR LIFETIME PARTNER
Product: HYDRAULIC FLUID ZHF 11 PLUS
Article No.: 01.99.98.144755
EAN: 4051792447555
Ref. VW TL 52146
HS code: 27101983

Date of print: 13.02.2019

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

1.1 Product identifier

HYDRAULIC FLUID ZHF 11 PLUS
EAN: 4051792447555
Ref. No: VW TL 52146

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

No further relevant information available

1.3 Details of the supplier of the safety data sheet

Meyer-Glitza, Frese GmbH & Co. KG
Kirchweg 130 - 132
D-24558 Henstedt-Ulzburg
+49 (0) 40 / 2360902-0+49 (0) 40 / 23609-22
info@meyer-glitza.de
www.etg-de

1.4 Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Germany	Giftinformationszentrum Nord (Göttingen)		+49 (0) 551/19240	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

GHS08 Health Hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

2.2. Label elements

REGULATION (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

GHS08

Signal word Danger

Special labelling of certain mixtures

H304 May be fatal if swallowed and enters airways.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/ regional/ national/ international regulations.

2.3. Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.1. Mixture

Hazardous Components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
64742-55-8	Distillates (petroleum), hydrotreated light paraffinic			25-<80 %
	265-158-7			
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic			10-<50 %
	265-156-6			

For the wording of the listed hazard phrases refer to section 16.

The mineral oils in this product contain < 3% DMSO extract (IP346).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

Immediately remove any clothing soiled by the product.

Take affected persons out into the fresh air.

Do not leave affected persons unattended.

Personal protection for the First Aider.

After inhalation

Supply fresh air; consult doctor in case of complaints.

In case of inhaling spray mist consult a doctor and show packaging or safety data sheet.

After contact with skin

Wash contaminated skin with water and soap and rinse thoroughly. Remove contaminated clothing. Get medical attention if symptoms occur.

After contact with eyes

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After ingestion

Rinse mouth with water. Do NOT induce vomiting! Danger of aspiration! Call for a doctor immediately.

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

In case of swallowing and subsequent vomiting: risk of aspiration! Symptoms: cough, breathlessness, cyanosis, stagnant or thrusting respiration, intercostal and auscultatory rhonchi and wheezing. Possibly only after 24-48 h respiratory insufficiency and chemical pneumonia can occur.

Further symptoms: unconsciousness, depression of central nervous system, headache, nausea, xerotic skin, vertigo.

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

Treat symptomatically. Give oxygen, if necessary. Regulate circulatory functions, possibly shock treatment. Subsequent monitoring for pneumonia and lung oedema.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable extinguishing media

Water with full jet.

5.2. Special hazards arising from the substance or mixture

Formation of toxic/irritant gases is possible during heating or in case of fire.
Products of decomposition see chapter 10.

5.3. Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.
Wear fully protective suit.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation
Particular danger of slipping on leaked/spilled product.
Keep away from open flames, hot surfaces and sources of ignition.
Avoid contact with skin and eyes.
Do not inhale vapours and aerosols.
Close leakage without taking personal risks.

6.2. Environmental precautions

Do not allow to enter sewers/ surface or ground water.
In case of seepage into the ground inform responsible authorities.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.

6.4. Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Prevent contact with eyes.
Prevent longer or repeated contact with skin.
Keep receptacles tightly sealed.

Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
Particular danger of slipping on leaked/spilled product.
Remove contaminated clothing.
Keep away from food, drink and animal feeding stuffs.
Wash hands before brakes and at end of work
Do not eat, drink or smoke while working.

Advice on protection against fire and explosion

Keep away ignition sources - Do not smoke.
Do not spray onto a naked flame or any incandescent material.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Provide solvent resistant, sealed floor.
Prevent any seepage into the ground.

Information about storage in one common storage facility

Store away from oxidising agents.
Store away from food, beverage and feedingstuff

Further information about storage conditions

Store in cool, dry conditions in well sealed receptacles.
Storage class: 10 - flammable liquid, flashpoint >60°C

7.3 7.3 Specific end use(s)

No further relevant information available

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities

No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace

TWA: 5 mg/m³ (oil mist)

Additional information

The lists that were valid during the creation were used as basis.

8.2. Exposure controls


Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Wear eye protection/face protection.

Hand protection

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves

Use solvent/hydrocarbon resistant gloves. Suitable are gloves from: nitrile rubber (thickness >0,38 mm, breakthrough time > 480 min), fluorocarbon rubber (thickness >0,38 mm, breakthrough time > 480 min).

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Skin protection

Wear suitable protective clothing.

Respiratory protection

Not necessary if room is well-ventilated.

Use suitable respiratory protective device only when aerosol or mist is formed.

Filter A/P2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Fluid
Colour :	green
Odour :	characteristic.
pH-Value:	Not determined
Changes in the physical state	
Melting point:	<-30 °C
Initial boiling point and boilingrange:	Not determined
Freezing point:	Not determined
Flash point:	141 °C
Flammability	
Solid:	Not applicable
Gas:	Not applicable
Decomposition temperature:	Not applicable
Oxidizing properties	Not oxidizing
Vapour pressure:	Not determined
Density(at 20 °C):	0.85 g/cm³
Solubility(ies)	
Water solubility:	The study does not need to be conducted because the substance is known to be insoluble in water.
Solubility in other solvents	Not determined
Partition coefficient:	Not determined
Viscosity / kinematic (at 40 °C):	Not determined
Vapour density:	18 mm²/s
Evaporation rate:	Not determined

9.2. Other Information

Solid content:	Not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under recommended storage conditions.

10.2. Chemical stability

Stable under normal conditions.

Thermal decomposition / conditions to be avoided

No decomposition if used according to specifications

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Heat, flames and sparks.

Keep away from strong oxidants as well as reducing agents

10.5. Incompatible materials

strong oxidants.

10.6. Hazardous decomposition products

In case of fire: CO_2, CO, NOx, SOx**.**

Under certain conditions of fire, other toxic/irritant substances may form.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

LD/LC50 values relevant for classification					
	Oral	LD50 >5000 mg/kg			
	dermal	LD50 >5000 mg/kg			

Irritation and corrosivity

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

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity: No further relevant information available.

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

Bioaccumulation is not to be expected.

12.4. Mobility in soil

Little mobility expected in soil.

12.5. Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable..

12.6. Other adverse effects

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

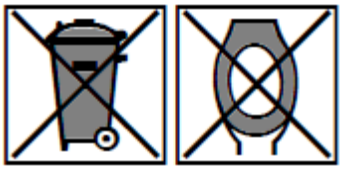
Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Must be specially treated adhering to official regulations

European waste catalogue	
13 01 10*	Mineral based non-chlorinated hydraulic oils

Contaminated packaging

Disposal must be made according to official regulations

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No dangerous good in sense of this transport regulation

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

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

GHS08

Signal word Danger

Hazard statements

H304 May be fatal if swallowed and enters airways.

Precautionary statements

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Training hints

Upon request trainigs for to ensure safety of human health and of environment can be given. Contact see below.

Independent trainigs for handling of dangerous goods can be taken at established testing and monitoring organizations.

Classification according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA:	International Air Transport Association
GHS:	Globally Harmonized System of Classification and Labelling of Chemicals
EINECS:	European Inventory of Existing Commercial Chemical Substances
ELINCS:	European List of Notified Chemical Substances
CAS:	Chemical Abstracts Service
LC50:	Lethal concentration, 50%
LD50:	Lethal dose, 50%
PBT:	Persistent, Bioaccumulative and Toxic
vPvB:	very Persistent and very Bioaccumulative

Asp. Tox. 1: Aspiration hazard – Category 1

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contact:
Meyer-Glitza, Frese GmbH & Co. KG
Kirchweg 130-132 DE-24558 Henstedt-Ulzburg
tel. +49 (0) 40 23 60 902 fax +49 (0) 40 23 60 922
info@meyer-glitza.de www.etg.de