

HYDROPLEX FG 101 - 14T237



SAFETY DATA SHEET
(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

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

1.1. Product identifier

Product name : HYDROPLEX FG 101
Product code : 14T237.

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

Grease
For professional use

1.3. Details of the supplier of the safety data sheet

Registered company name : TTA Techniques & Technologies Appliquées.
Address : Z.I de Lonrai - BP 153.61005.Alençon Cedex .France.
Telephone : +33 (0)2 33 82 38 00. Fax : +33 (0)2 33 26 88 69.
info@tta-lubrifiants.com
www.tta-lubrifiants.com

TTA Lubrifiants est une marque de produits appartenant au groupe Moove

1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation : INRS / ORFILA (France) <http://www.centres-antipoison.net>.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.
This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).
This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

Additional labeling :
EUH210 Safety data sheet available on request.

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) $\geq 0.1\%$ published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>
The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.
The mixture does not contain substances $\geq 0.1\%$ with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

Identification	Classification (EC) 1272/2008	Note	%
INDEX: S00391 CAS: 26264-06-2 EC: 247-557-8 REACH: 01-2119560592-37 1H-IMIDAZOLE-1-ETHANOL, 2-(8-HEPTADECENYL)-4,5-DIHYDRO-	GHS05 Dgr Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412		0 <= x % < 2.5
INDEX: S00072 CAS: 68411-46-1 EC: 270-128-1 REACH: 01-2119491299-23 DIPHENYLAMINE ALKYLÉE	GHS08 Wng Repr. 2, H361f Aquatic Chronic 3, H412	[2]	0 <= x % < 2.5

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Specific concentration limits:

Identification	Specific concentration limits	ATE
INDEX: S00391 CAS: 26264-06-2 EC: 247-557-8 REACH: 01-2119560592-37 1H-IMIDAZOLE-1-ETHANOL, 2-(8-HEPTADECENYL)-4,5-DIHYDRO-	Eye Dam. 1: H318 C \geq 10.5% Eye Irrit. 2: H319 1% \leq C < 10.5%	oral: ATE = 4445 mg/kg BW

Information on ingredients :

(Full text of H-phrases: see section 16)

[2] Carcinogenic, mutagenic or reprotoxic (CMR) substance.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. description of first aid measures

In the event of exposure by inhalation :

This risk does not exist under normal conditions of use. However in the case of exposure to high concentrations of vapors or fumes, remove to fresh air, keep warm and at rest.

In the event of splashes or contact with eyes :

Rinse immediately with plenty of water, holding the eyelids, for at least 15 minutes. If discomfort persists, consult a physician.

In the event of splashes or contact with skin :

Wash off with soap and plenty of water. Contaminated clothing should be laundered before reuse. If irritation persists, call a doctor.

In the event of swallowing :

Seek medical attention, showing the label.

If swallowed, rinse mouth with water (only if the person is conscious). Consult a doctor immediately and show him the label. Keep the victim calm

Do not induce vomiting. Consult a physician.

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

No data available.

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

Information for the doctor :

In case of incident, treat symptomatically

SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction

In the event of a fire, use :

- foam
- powder
- carbon dioxide (CO₂)

Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

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5.3. Advice for firefighters

No data available.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

Evacuate personnel to safe areas.

Ventilate the area.

Wear PPE and breathing apparatus (SCBA) in confined areas.

Isolate area.

6.2. Environmental precautions

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Do not eat, do not drink and do not smoke during use. Avoid unnecessary contact Avoid release to the environment

Ensure adequate ventilation if there is risk of vapors, mists or aerosols. Keep away from combustible material. Keep the product away from food and beverages.

The prolonged and repeated contact with the skin can cause skin damages accentuated by minor injury or friction with soiled clothing.

Avoid splashes.

Remove any contaminated clothing

After contact with skin, wash with soap and water, do not use abrasives, solvents or fuel.

Do not dry hands with rags that have been contaminated with product.

Do not breathe vapors, fumes or mists.

Prevent small spills and leakage to avoid slip hazard.

Avoid repeated or prolonged skin contact

Fire prevention :

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Recommended to protect from moisture and weather (rain in particular) storage

Use properly labeled and closeable containers. Keep away from direct sunlight, heat sources, and strong oxidizing agents.

Recommended storage temperature: 0-45 ° C

Packaging

Always keep in packaging made of an identical material to the original.

Suitable packaging materials :

Use only containers, joints, pipes resistant to hydrocarbons. Keep preferably in the original packaging otherwise, refer, where applicable, all indications on the regulatory label to the new container.

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7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits :

oil mist - ACGIH : VME = 5 mg/m³ ; VLE = 10mg/m³

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

- Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Resistant, impervious gloves hydrocarbons.

- Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state

Physical state : Paste.

Colour

beige

Odour

Odour threshold : Not stated.

Melting point

Melting point/melting range : Not specified.

Freezing point

Freezing point / Freezing range : Not stated.

Boiling point or initial boiling point and boiling range

Boiling point/boiling range : Not specified.

Flammability

Flammability (solid, gas) : Not stated.

Lower and upper explosion limit

Explosive properties, lower explosivity limit (%) : Not stated.

Explosive properties, upper explosivity limit (%) : Not stated.

Flash point

Flash Point Interval : FP > 100°C.

Auto-ignition temperature

Self-ignition temperature : Not specified.

Decomposition temperature

Decomposition point/decomposition range : Not specified.

pH

pH : Not relevant.

pH (aqueous solution) : Not stated.

Kinematic viscosity

Viscosity : Not stated.

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Solubility

Water solubility : Insoluble.
Fat solubility : Not stated.

Partition coefficient n-octanol/water (log value)

Partition coefficient: n-octanol/water : Not stated.

Vapour pressure

Vapour pressure (50°C) : Below 110 kPa (1.10 bar).

Density and/or relative density

Density : < 1

Relative vapour density

Vapour density : Not stated.

9.2. Other information

No data available.

9.2.1. Information with regard to physical hazard classes

No data available.

9.2.2. Other safety characteristics

No data available.

Formation of explosible dust/air mixtures

Characteristic of dust particles : Not stated.

Maximum pressure generated by the explosion : Not stated.

Deflagration index (Kst) : Not stated.

Minimum ignition energy : Not stated.

MEC/LEL: Not stated.

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid :
- heat
- heating
- flames and hot surfaces

10.5. Incompatible materials

Keep away from :
- strong oxidising agents

10.6. Hazardous decomposition products

The thermal decomposition may release/form :
- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION

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

No data available.

11.1.1. Substances

Acute toxicity :

DIPHENYLAMINE ALKYLÉE (CAS: 68411-46-1)

Oral route : LD50 > 5000 mg/kg bodyweight/day
Species : Rat

Dermal route : LD50 > 2000 mg/kg bodyweight/day

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Species : Rat

1H-IMIDAZOLE-1-ETHANOL, 2-(8- HEPTADECENYL)-4,5-DIHYDRO- (CAS: 26264-06-2)

Oral route : LD50 = 4445 mg/kg bodyweight/day
Species : Rat

11.1.2. Mixture

Acute toxicity :

Oral route : No observed effect.
LD50 = 8038.90 mg/kg

Dermal route : No observed effect.
LD50 = 3361.30 mg/kg

Serious damage to eyes/eye irritation :

No observed effect.

Conjunctival redness : Average score < 2

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation: inhalation of oil mist may cause irritation, headaches, nausea and breathing difficulties.

Eye contact: no eye irritation expected

Skin contact: prolonged contact may cause redness and irritation.

Ingestion: malaise (vague feeling of discomfort)

11.2. Information on other hazards

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.1. Substances

1H-IMIDAZOLE-1-ETHANOL, 2-(8- HEPTADECENYL)-4,5-DIHYDRO- (CAS: 26264-06-2)

Fish toxicity : LC50 = 10.8 mg/l
Species : Oncorhynchus mykiss
Duration of exposure : 96 h

12.1.2. Mixtures

12.2. Persistence and degradability

12.2.1. Substances

1H-IMIDAZOLE-1-ETHANOL, 2-(8- HEPTADECENYL)-4,5-DIHYDRO- (CAS: 26264-06-2)

Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

12.2.2. Mixtures

Biodegradability : Non-rapidly degradable.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Semi-solid in most conditions in the environment, so in general, very mobile on the ground. Insoluble, product floats on water.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No data available.

German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws) :

WGK 1 : Slightly hazardous for water.

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SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

Codes of wastes (Decision 2014/955/EC, Directive 2008/98/EEC on hazardous waste) :

12 01 12 (wastes of waxes and greases)

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number or ID number

-

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

-

14.4. Packing group

-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Maritime transport in bulk according to IMO instruments

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SECTION 15: Regulatory information

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

Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2022/692 (ATP 18)

Container information:

No data available.

Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH):
<https://echa.europa.eu/substances-restricted-under-reach>.

Explosives precursors :

The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

Particular provisions :

No data available.

German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws) :

WGK 1 : Slightly hazardous for water.

15.2. Chemical safety assessment

No data available.

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SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H315	Causes skin irritation.
H318	Causes serious eye damage.
H361f	Suspected of damaging fertility.
H412	Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms :

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.

LC50 : The concentration of a test substance resulting in 50% lethality in a given period.

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

ATE : Acute Toxicity Estimate

BW : Body Weight

CMR: Carcinogenic, mutagenic or reprotoxic.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.