

HYDROPLEX FG 222 - 14T232



SAFETY DATA SHEET  
(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

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

1.1. Product identifier

Product name : HYDROPLEX FG 222  
Product code : 14T232.

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

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.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

Identification	(EC) 1272/2008	Note	%
INDEX: S00391 CAS: 26264-06-2 EC: 247-557-8 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: S00277 CAS: 110-25-8 EC: 203-749-3 REACH: 01-2119488991-20 OLEYL SARCOSIN (CIS-1-AMINO-9-OCTADECENE-N-METHYL GLYCINE)	GHS07, GHS05, GHS09 Dgr Skin Irrit. 2, H315 Eye Dam. 1, H318 Acute Tox. 4, H332 Aquatic Acute 1, H400 M Acute = 1		0 <= x % < 2.5

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

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**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

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**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 (CO<sub>2</sub>)

**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 (CO<sub>2</sub>)

**5.3. Advice for firefighters**

No data available.

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**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.

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**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.

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**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.

**7.3. Specific end use(s)**

No data available.

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**SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

**Occupational exposure limits :**

oil mist - ACGIH : VME = 5 mg/m<sup>3</sup> ; VLE = 10mg/m<sup>3</sup>

**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.

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**- Hand protection**

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

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

Recommended properties :

- Impervious gloves in accordance with standard EN374

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.

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**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

**9.1. Information on basic physical and chemical properties**

**General information :**

Physical state : Paste.

Color: beige

**Important health, safety and environmental information**

pH : Not relevant.

Boiling point/boiling range : Not specified.

Flash Point Interval : FP > 100°C.

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

Density : < 1

Water solubility : Insoluble.

Melting point/melting range : Not specified.

Self-ignition temperature : Not specified.

Decomposition point/decomposition range : Not specified.

**9.2. Other information**

No data available.

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**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 (CO<sub>2</sub>)

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**SECTION 11 : TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

No data available.

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**11.1.1. Substances**

**Acute toxicity :**

1H-IMIDAZOLE-1-ETHANOL, 2-(8- HEPTADECENYL)-4,5-DIHYDRO- (CAS: 26264-06-2)  
Oral route : LD50 = 4445 mg/kg  
Species : Rat

**11.1.2. Mixture**

**Acute toxicity :**

Oral route : No observed effect.  
LD50 = 5539 mg/kg  
Other guideline

Dermal route : No observed effect.  
LD50 = 2496 mg/kg  
Other guideline

**Serious damage to eyes/eye irritation :**

No observed effect.

Corneal haze : Average score < 1

**Symptoms related to the physical, chemical and toxicological characteristics**

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

Skin contact: prolonged contact may cause redness and irritation.

Ingestion: malaise (vague feeling of discomfort)

**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 bioaccumulable.

**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. Other adverse effects**

No data available.

**German regulations concerning the classification of hazards for water (WGK, AwSV vom 18/04/2017, 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, preferably 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 (spent waxes and fats)

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**SECTION 14 : TRANSPORT INFORMATION**

Exempt from transport classification and labelling.

**14.1. UN number**

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**14.2. UN proper shipping name**

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**14.3. Transport hazard class(es)**

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**14.4. Packing group**

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**14.5. Environmental hazards**

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**14.6. Special precautions for user**

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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. 2018/1480 (ATP 13)

**- Container information:**

No data available.

**- Particular provisions :**

No data available.

**- German regulations concerning the classification of hazards for water (WGK, AwSV vom 18/04/2017, 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.

Reason for revision : component classification

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**Wording of the phrases mentioned in section 3 :**

H315	Causes skin irritation.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

**Abbreviations :**

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.