

# Safety Data Sheet

## MPG501

Replaces date: 1/24/2022

Revision date: 8/28/2023

Version: 1.3.0

### SECTION 1: Identification

#### 1.1. GHS Product identifier

Trade name: MPG501

#### Article no

Article no	Description
003481000006	

#### 1.2. Recommended use of the chemical and restrictions on use

Recommended uses: Lubricant.

#### 1.3. Supplier's details

##### Supplier

Company: Mouldpro ApS  
Address: Baltorpbakken 10  
Zip code: 2750  
City: Ballerup  
Country: DENMARK  
E-mail: sales@mouldpro.com  
Phone: +45 70 20 31 31  
Homepage: www.mouldpro.com

#### 1.4. Emergency phone Number

+ 45 70 20 31 31 (Mouldpro) The emergency telephone is open between 8 a.m. and 4 p.m. on workdays.

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

**GHS classification:** Aerosols, Category 1;H222  
Aerosols, Category 1;H229  
Skin irritation, Category 2;H315  
Specific target organ toxicity - single exposure, Category 3;H336  
Reproductive toxicity, Category 2;H361f  
Hazardous to the aquatic environment, short-term (Acute), Category 3;H402  
Hazardous to the aquatic environment, long-term (Chronic), Category 3;H412

**Most serious harmful effects:** Extremely flammable aerosol. Pressurized container: may burst if heated Causes skin irritation. May cause drowsiness or dizziness. Suspected of damaging fertility. Harmful to aquatic life. Harmful to aquatic life with long lasting effects. Prolonged or repeated inhalation of vapors may cause damage to the central nervous system. The product releases organic solvent vapors which may cause drowsiness and dizziness. At high concentrations, the vapors may cause headache and intoxication. If ingested, can be irritating to mucous membranes of the mouth and gastrointestinal tract.

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## 2.2. GHS label elements, including precautionary statements

### Pictograms



Signal word: Danger

### Contains

Substance: Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane; Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics;

### Hazard Statements

H222 Extremely flammable aerosol.  
H229 Pressurized container: may burst if heated  
H315 Causes skin irritation.  
H336 May cause drowsiness or dizziness.  
H361f Suspected of damaging fertility.  
H402 Harmful to aquatic life.  
H412 Harmful to aquatic life with long lasting effects.

### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P261 Avoid breathing vapours/spray.  
P280 Wear protective gloves/eye protection/face protection.  
P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

## 2.3. Other hazards which do not result in classification

None known.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes
Petroleum gases, liquefied (with <0,1% 1,3-Butadiene)	68476-85-7 270-704-2	30 -< 60 %	
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	921-024-6 01-2119475514-35	10 -< 30 %	3
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	64742-48-9 919-857-5	5 -< 10 %	3
n-hexane	110-54-3 203-777-6	< 1 %	3
2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	95-38-5 202-414-9 01-2119777867-13	< 1 %	17

3 = H304 is not applicable due to use as aerosols.

17 = M (acute) = 10

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## SECTION 4: First-aid measures

### 4.1. Description of necessary first-aid measures

<b>Inhalation:</b>	Seek fresh air. Seek medical advice in case of persistent discomfort.
<b>Ingestion:</b>	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
<b>Skin contact:</b>	Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
<b>Eye contact:</b>	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
<b>Burns:</b>	Flush with water until pain ceases. Remove clothing that is not stuck to the skin - seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.
<b>General:</b>	Bring the safety data sheet or label when seeking medical advice.

### 4.2. Most important symptoms/effects, acute and delayed

Irritates mucous membranes in mouth and gastrointestinal tract. Irritating to skin - may cause reddening. The product releases organic solvent vapors which may cause drowsiness and dizziness. At high concentrations, the vapors may cause headache and intoxication. Prolonged or repeated inhalation of vapors may cause damage to the central nervous system. Inhalation of spray mist may cause chemical pneumonia. Suspected of damaging fertility.

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Treat symptoms. No special immediate treatment required.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

<b>Suitable extinguishing media:</b>	Extinguish with powder, foam or water mist. Use water or water mist to cool non-ignited stock.
<b>Unsuitable extinguishing media:</b>	Do not use a jet of water, as it may spread the fire.

### 5.2. Specific hazards arising from the chemical

CAUTION! Aerosol containers may explode. Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

### 5.3. Special protective actions for fire-fighters

Wear Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Move containers from danger area if it can be done without risk. Avoid inhalation of vapor and smoke gases - seek fresh air.

## SECTION 6: Accidental release measures

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

<b>For non-emergency personnel:</b>	Stay upwind/keep distance from source. Take precautionary measures against static discharges. Use spark-free tools and explosion proof equipment. Wear respiratory protective equipment. Wear gloves. Wear safety goggles if there is a risk of eye splash. Provide adequate ventilation. Smoking and naked flames prohibited.
<b>For emergency responders:</b>	In addition to the above: Protective suit is recommended.

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### 6.2. Environmental precautions

Avoid unnecessary release to the environment.

### 6.3. Methods and materials for containment and cleaning up

Wipe up drops and splashes with a cloth.

### 6.4. Reference to other sections

See section 8 for type of protective equipment.

See section 13 for instructions on disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Work under effective process ventilation (e.g. local exhaust ventilation). Running water and eye wash equipment must be available. Smoking and naked flames prohibited. Take precautionary measures against static discharges. Use spark-free tools and explosion proof equipment. A workplace assessment must be conducted to ensure that employees are not exposed to effects that may involve a risk during pregnancy.

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

Store safely, out of reach of children and away from food, animal feeding stuffs, drugs, etc. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Keep in tightly closed original packaging. Store in a dry, cool, well-ventilated area. Do not store with the following: Oxidizers.

### 7.3. Specific end use(s)

No special uses in addition to identified uses in 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Occupational exposure limit:** There are no official GHS occupational exposure limits. Be aware of possible national occupational exposure limits.

**Measuring methods:** Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

### 8.2. Exposure controls

**Appropriate engineering controls:** Wear the personal protective equipment specified below.

**Personal protective equipment, eye/face protection:** Wear safety goggles if there is a risk of eye splash.

**Personal protective equipment, hand protection:** Wear gloves. Type of material: Nitrile rubber. Breakthrough time has not been determined for the product. Change gloves often. The suitability and durability of a glove is dependant on usage, e.g. frequency and duration of contact, glove material thickness, functionality and chemical resistance. Always seek advice from the glove supplier.

**Personal protective equipment, respiratory protection:** Light use (small volume, shortterm contact (below 10 min.)): Not required.  
Medium use (medium volume, medium contact (1-2 hours)): Filter type: A.

**Environmental exposure controls:** Ensure compliance with local regulations for emissions.

## SECTION 9: Physical and chemical properties

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

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Parameter	Value/unit
Physical state	Aerosol
Color	No data
Odour	Solvent
Solubility	No data

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	No data	
Boiling point or initial boiling point and boiling range	-40 - -2 °C	(LPG)
Flammability	No data	
Lower and upper flammability limit	No data	
Lower and upper explosion limit	1.4 - 10.9 vol%	(LPG)
Flash Point	-104 °C	(LPG)
Auto-ignition temperature	365 °C	(LPG)
Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	No data	
Kinematic viscosity	No data	
Viscosity	No data	
Partition coefficient n-octanol/water (log value)	No data	
Vapour pressure	590 - 1760 kPa	(LPG)
Density	No data	
Relative density	No data	
Relative vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

## 9.2. Other information

Other Information: None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts with the following: Oxidizers.

### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

### 10.3. Possibility of hazardous reactions

Product vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air.

### 10.4. Conditions to avoid

Avoid heating and contact with ignition sources. Avoid direct sunlight.

### 10.5. Incompatible materials

Oxidizers.

### 10.6. Hazardous decomposition products

Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be

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## SECTION 11: Toxicological information

### 11.1. Information on health hazard classes

<b>Acute toxicity - oral:</b>	The product does not have to be classified. Test data are not available. Spray mist in mouth may irritate mucous membranes in mouth and throat.
<b>Acute toxicity - dermal:</b>	The product does not have to be classified. Test data are not available.
<b>Acute toxicity - inhalation:</b>	The product does not have to be classified. Test data are not available.
<b>Skin corrosion/irritation:</b>	Irritating to skin - may cause reddening.
<b>Serious eye damage/eye irritation:</b>	The product does not have to be classified. Test data are not available. Temporary irritation.
<b>Respiratory sensitization or skin sensitization:</b>	The product does not have to be classified. Test data are not available.
<b>Germ cell mutagenicity:</b>	The product does not have to be classified. Test data are not available.
<b>Carcinogenic properties:</b>	The product does not have to be classified. Test data are not available.
<b>Reproductive toxicity:</b>	Suspected of damaging fertility.
<b>Single STOT exposure:</b>	If ingested, can be irritating to mucous membranes of the mouth and gastrointestinal tract. The product releases organic solvent vapors which may cause drowsiness and dizziness. At high concentrations, the vapors may cause headache and intoxication.
<b>Repeated STOT exposure:</b>	The product does not have to be classified. Test data are not available. Prolonged or repeated inhalation of vapors may cause damage to the central nervous system.
<b>Aspiration hazard:</b>	The product does not have to be classified. Test data are not available. Inhalation of spray mist may cause chemical pneumonia.

### 11.2. Information on other hazards

<b>Endocrine disrupting properties:</b>	None known.
<b>Other toxicological effects:</b>	None known.

## SECTION 12: Ecological information

### 12.1. Toxicity

Harmful to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

Test data are not available. Not expected to be biodegradable.

### 12.3. Bioaccumulative potential

Test data are not available. No bioaccumulation expected.

### 12.4. Mobility in soil

Test data are not available.

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## 12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

## 12.6. Endocrine disrupting properties

None known.

## 12.7. Other adverse effects

Volatile organic compound (VOC). Potential for photo-chemical formation of ozone.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Avoid unnecessary release to the environment. Do not dispose of aerosol sprays in refuse collection, even when empty. The sprays must be sent to the municipal chemical waste collection facility.

## SECTION 14: Transport information

### Land transport (ADR/RID)

14.1. UN number:	1950	14.4. Packing group, if applicable:	
14.2. UN proper shipping name:	AEROSOLS	14.5. Environmental hazards:	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	2.1		
Hazard label(s):	2.1		
Hazard identification number:		Tunnel restriction code:	D

### Inland water ways transport (ADN)

14.1. UN number:	1950	14.4. Packing group, if applicable:	
14.2. UN proper shipping name:	AEROSOLS	14.5. Environmental hazards:	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	2.1		
Hazard label(s):	2.1		
Transport in tank vessels:			

### Sea transport (IMDG)

14.1. UN number:	1950	14.4. Packing group, if applicable:	
14.2. UN proper shipping name:	AEROSOLS	14.5. Environmental hazards:	The product is not a Marine Pollutant (MP).
14.3. Transport hazard class(es):	2.1	Environmental Hazardous Substance Name(s):	
Hazard label(s):	2.1		
EmS:	F-D, S-U	IMDG Code segregation group:	- None -

### Air transport (ICAO-TI / IATA-DGR)

14.1. UN number:	1950	14.4. Packing group, if applicable:	
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**14.2. UN proper shipping name:**

AEROSOLS, FLAMMABLE

**14.5. Environmental hazards:**

The product should not be labelled as an environmental hazard (symbol: fish and tree).

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

2.1

**Hazard label(s):**

2.1

**14.6. Special precautions for user**

None.

**14.7. Transport in bulk according to IMO instruments**

Not applicable.

## SECTION 15: Regulatory information

**15.1. Safety, health and environmental regulations specific for the product in question**

**Special Provisions:**

None.

**15.2. Chemical Safety Assessment**

**Other Information:**

Chemical safety assessment has not been performed.

## SECTION 16: Other information

**Version history and indication of changes**

Version	Revision date	Responsible	Changes
1.3.0	8/28/2023	Bureau Veritas HSE / DOL	2,16

**Abbreviations:**

PBT: Persistent, Bioaccumulative and Toxic  
STOT: Specific Target Organ Toxicity  
vPvB: Very Persistent and Very Bioaccumulative

**Other Information:**

This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with GHS Rev. 9 (2021).

**Training advice:**

A thorough knowledge of this safety data sheet should be a prerequisite condition.

**Classification method:**

Calculation based on the hazards of the known components.

**SDS is prepared by**

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**Country:** UN