

# Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Revision 15.12.2020 (GB) Version 1.0

DPF-REINIGER-SPRAY

003801



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

### 1.1. Product identifier

Name of product DPF-REINIGER-SPRAY  
Art-Nr 003801

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

#### Identified uses

#### Product categories [PC]

PCO - Other

### 1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor EUROLUB GmbH  
Freisingerstraße 25-27, D-85386 Eching b. München  
Phone +49 8165 9591-0, Fax +49 8165 9591-210  
E-Mail info@eurolub.com  
Internet www.eurolub.com

### 1.4. Emergency telephone number

Emergency advice  
Phone +49 8165 9591-0  
This number is only available at office times.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
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Aerosol 3	H229	
Skin Irrit. 2	H315	
Eye Irrit. 2	H319	

#### Hazard statements for physical hazards

H229 Pressurised container: May burst if heated.

#### Hazard statements for health hazards

H315 Causes skin irritation.  
H319 Causes serious eye irritation.

### 2.2. Label elements

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



GHS07

#### Signal word

Warning

#### Hazard statements for physical hazards

H229 Pressurised container: May burst if heated.

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### Hazard statements for health hazards

H315 Causes skin irritation.  
H319 Causes serious eye irritation.

### Precautionary Statements

#### Prevention

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.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

#### Response

P302 + P352 IF ON SKIN: Wash with plenty of water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P337 + P313 If eye irritation persists: Get medical advice/attention.

#### Storage

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

### 2.3. Other hazards

#### Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

## SECTION 3: Composition/ information on ingredients

### 3.1. Substances

not applicable

### 3.2. Mixtures

#### Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
64-18-6	200-579-1	formic acid ... %	1 - 3	Skin Corr. 1A, H314
141-43-5	205-483-3	ethanolamine	0,1 - 1	Acute Tox. 4, H332 / Acute Tox. 4, H312 / Acute Tox. 4, H302 / Skin Corr. 1B, H314

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated soaked clothing immediately and dispose it safely.

In the event of persistent symptoms receive medical treatment.

Take affected person into fresh air.

In case of stronger and long effects, specially on skin and respiratory tract, medical treatment is necessary.

#### In case of inhalation

Ensure of fresh air.

If intensive inhalation of fumes seek medical treatment immediately.

#### In case of skin contact

In case of contact with skin wash off with water.

Consult a doctor if skin irritation persists.

#### In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

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#### In case of ingestion

Do not induce vomiting.

Rinse out mouth thoroughly with water.

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

##### Physician's information / possible symptoms

No information available.

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

##### Treatment (Advice to doctor)

Treat symptoms.

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## SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Foam

Dry powder

Carbon dioxide

##### Unsuitable extinguishing media

water

Full water jet

#### 5.2. Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

#### 5.3. Advice for firefighters

##### Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Wear full protective clothing.

##### Additional information

Collect contaminated firefighting water separately, must not be discharged into the drains.

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## SECTION 6: Accidental release measures

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

##### For non-emergency personnel

Ensure adequate ventilation.

Use personal protective clothing.

##### For emergency responders

Remove persons to safety.

Use personal protective clothing.

#### 6.2. Environmental precautions

Collect contaminated water / firefighting water separately.

Do not discharge into the drains/surface waters/groundwater.

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

Take up with absorbent material (e.g. general-purpose binder).

##### Additional Information

Informations for personal protective equipment see chapter 8.

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### 6.4. Reference to other sections

No information available.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

#### General protective measures

Do not inhale gases/vapours/aerosols.

Avoid contact with the eyes.

#### Hygiene measures

Clean skin thoroughly after working.

At work do not eat, drink and smoke.

Remove soaked clothing immediately.

#### Advice on protection against fire and explosion

The product is combustible.

Vapours can form an explosive mixture with air.

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

#### Requirements for storage rooms and vessels

Keep only in original container.

#### Advice on storage compatibility

Store at cool and aired place and at distance to acids, alkalies and combustible materials.

#### Further information on storage conditions

Keep container tightly closed and store at cool and aired place.

Storage group 2B

### 7.3. Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC, 2004/37/EC, 2006/15/EC or 2009/161/EU)

CAS No	Name	Code	[mg/m <sup>3</sup> ]	[ppm]	Remark
141-43-5	2-aminoethanol	8 hours	2,5	1	skin
		Short-term	7,6	3	
64-18-6	formic acid	8 hours	9	5	

### 8.2. Exposure controls

#### Respiratory protection

In case of insufficient ventilation or long-term effect use breathing apparatus.

#### Hand protection

Gloves (solvent-resistant)

#### Eye protection

safety goggles with side protection

#### Other protection measures

Solvent-resistant protective clothing

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## SECTION 9: Physical and chemical properties

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

**Appearance**

aerosol

**Colour**

pink

**Odour**

solvent-like

**Odour threshold**

not determined

### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
<b>pH value</b>	not determined				
<b>Boiling temperature / boiling range</b>	not determined				
<b>Melting point / Freezing point</b>	not determined				
<b>Flash point</b>	> 150 °C				
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not determined				
<b>Flammability (gas)</b>	not determined				
<b>Ignition temperature</b>	> 250 °C				
<b>Self ignition temperature</b>	not determined				
<b>Lower explosion limit</b>	1 Vol-%				
<b>Upper explosion limit</b>	10,9 Vol-%				
<b>Vapour pressure</b>	not determined				
<b>Relative density</b>	1,005 g/cm <sup>3</sup>	20 °C			
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>	not determined				
<b>Solubility/other</b>	not determined				
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity</b>	not determined				

**Oxidising properties**

No information available.

**Explosive properties**

No information available.

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#### 9.2. Other information

No information available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Ignition hazard

#### 10.2. Chemical stability

No information available.

#### 10.3. Possibility of hazardous reactions

Ignition hazard

#### 10.4. Conditions to avoid

Because of the high vapour pressure, containers are liable to burst if temperature rises.

#### 10.5. Incompatible materials

No information available.

#### 10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	> 5000 mg/kg	rat		
<b>LD50 acute dermal</b>	> 2000 mg/kg	rabbit		
<b>LC50 acute inhalation</b>	> 23,3 mg/l ()	rat		
<b>Skin irritation</b>	Causes skin irritation.			
<b>Eye irritation</b>	irritant - risk of strong eye injuries			
<b>Skin sensitization</b>	No information available.			

##### Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
<b>Subacute Toxicity</b>				No information available.
<b>Subchronic Toxicity</b>				No information available.
<b>Chronic Toxicity</b>				No information available.
<b>Mutagenicity</b>				No information available.
<b>Reproduction-Toxicity</b>				No information available.

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Value	Species	Method	Validation
<b>Carcinogenicity</b>			No information available.
<b>Aspiration hazard</b> May be fatal if swallowed and enters airways.			

### SECTION 12: Ecological information

#### 12.1. Toxicity

##### Ecotoxicological effects

Value	Species	Method	Validation
<b>Fish</b>	LC50 1 - 10 mg/l		
<b>Daphnia</b>	EC50 1 - 10 mg/l		
<b>Algae</b>	EC50 10 - 100 mg/l		

#### 12.2. Persistence and degradability

No information available.

#### 12.3. Bioaccumulative potential

The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely.

#### 12.4. Mobility in soil

No information available.

#### 12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

#### 12.6. Other adverse effects

##### General regulation

Product is not allowed to be discharged into the ground water or aquatic environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Waste code No.

15 01 04

16 05 04\*

##### Name of waste

metallic packaging

gases in pressure containers (including halons) containing hazardous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

##### Recommendations for the product

Remove in accordance with local official regulations.

### SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
<b>14.1. UN number</b>	1950	1950	1950

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	ADR/RID	IMDG	IATA-DGR
<b>14.2. UN proper shipping name</b>	AEROSOLS	AEROSOLS	Aerosols, flammable
<b>14.3. Transport hazard class(es)</b>	2.1	2.1	2.1
<b>14.4. Packing group</b>	-	-	-
<b>14.5. Environmental hazards</b>	Yes	Yes	Yes
<b>14.6. Special precautions for user</b>	No information available.		
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No information available.		
<b>Land and inland navigation transport ADR/RID</b>			
Hazard label(s) 2.1			
Tunnel restriction code D			
Classification code 5F			

## SECTION 15: Regulatory information

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

#### VOC standard

VOC content =50 %  
VOC value =500 g/L

#### National regulations

##### Restriction of occupation

Observe employment restrictions for young people.

**Water hazard class** 1 self-classification

#### Technical instruction air

**Class III** Anteil 2,5 - 5 %

**Decree for case of interference/ remarks** Accident decree, addendum II: not named.

### 15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

#### Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

#### Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H332 Harmful if inhaled.