

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Underbody Protection

Revision date: 24.01.2018

Page 1 of 10

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

#### 1.1. Product identifier

Underbody Protection

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

##### Use of the substance/mixture

corrosion protection agent

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

Company name: Eurolub GmbH

Street: Freisingerstraße 25-27 85386

Place: Eching

Telephone: +49 8165 9591 -0

e-mail: info@eurolub.com

Internet: www.eurolub.com

Responsible Department:

#### 1.4. Emergency telephone

number: +49 8165 9591-0 (nur während der Bürozeiten)

### SECTION 2: Hazards identification

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

##### Regulation (EC) No. 1272/2008

Hazard categories:

Flammable liquid: Flam. Liq. 3

Specific target organ toxicity - single exposure: STOT SE 3

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Flammable liquid and vapour.

May cause drowsiness or dizziness.

Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Regulation (EC) No. 1272/2008

##### Hazard components for labelling

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Solvent Naphtha (petroleum), light fraction, aromatic

Signal word: Warning

Pictograms:



##### Hazard statements

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

##### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P271 Use only outdoors or in a well-ventilated area.

P370+P378 In case of fire: Use Carbon dioxide (CO2) to extinguish.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Underbody Protection

Revision date: 24.01.2018

Page 2 of 10

P405 Store locked up.

P501 Dispose of contents/container to Dispose of waste according to applicable legislation..

#### Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.

#### 2.3. Other hazards

No information available.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

bitumen, filler, solvents, additives

##### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics			<50 %
	927-241-2		01-2119471843-32	
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 3; H226 H336 H304 H412 EUH066			
64742-95-6	Solvent Naphtha (petroleum), light fraction, aromatic			<10 %
	918-668-5		01-2119455851-35	
	Flam. Liq. 3, STOT SE 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H335 H336 H304 H411 EUH066			
108-32-7	propylene carbonate			<2%
	203-572-1	607-194-00-1		
	Eye Irrit. 2; H319			

Full text of H and EUH statements: see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### After inhalation

Provide fresh air.

##### After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

##### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

##### After ingestion

Rinse mouth immediately and drink plenty of water.

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

No information available.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Carbon dioxide (CO2), Foam, Extinguishing powder.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Underbody Protection**

Revision date: 24.01.2018

Page 3 of 10

**Unsuitable extinguishing media**

Water. High power water jet.

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

Flammable. Vapours can form explosive mixtures with air. In case of fire and/or explosion do not breathe fumes.

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition. Provide adequate ventilation.

**6.2. Environmental precautions**

Do not allow uncontrolled discharge of product into the environment. Danger of explosion Do not allow to enter into surface water or drains.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Use only in well-ventilated areas. Keep away from sources of ignition - No smoking.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

Vapours can form explosive mixtures with air. Take precautionary measures against static discharges.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed and in a well-ventilated place.

**Advice on storage compatibility**

Do not store together with: Oxidising agent. Pyrophoric or self-heating substances.

**Further information on storage conditions**

Protect against: heat.

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

corrosion protection agent

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Additional advice on limit values**

To date, no national critical limit values exist.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Underbody Protection

Revision date: 24.01.2018

Page 4 of 10

#### 8.2. Exposure controls



##### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

##### 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

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Suitable material: NBR (Nitrile rubber). FKM (fluororubber). penetration time (maximum wearing period): 480 min. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### Skin protection

Wear suitable protective clothing.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection. Respiratory protection necessary at: aerosol or mist generation. Suitable respiratory protective equipment: Combination filtering device (EN 14387) A2-P2

### SECTION 9: Physical and chemical properties

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

Physical state: liquid  
Colour: black  
Odour: characteristic

##### Test method

pH-Value: not determined

##### Changes in the physical state

Melting point: not determined

Initial boiling point and boiling range: not determined

Flash point: 30 °C DIN EN ISO 2719

##### Flammability

Solid: not applicable

Gas: not applicable

Lower explosion limits: not determined

Upper explosion limits: not determined

Ignition temperature: ca. 450 °C DIN 51794

##### Auto-ignition temperature

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Underbody Protection**

Revision date: 24.01.2018

Page 5 of 10

**Oxidizing properties**

Not oxidising.

Vapour pressure:

not determined

Density (at 15 °C):

1,10 g/cm<sup>3</sup> DIN 51757

Water solubility:

The study does not need to be conducted  
because the substance is known to be  
insoluble in water.

**Solubility in other solvents**

Petroleum:

Partition coefficient:

not determined

Viscosity / kinematic:  
(at 40 °C)>>20,5 mm<sup>2</sup>/s DIN EN ISO 3104

Vapour density:

not determined

Evaporation rate:

not determined

**9.2. Other information**

Solid content:

not determined

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Flammable, Ignition hazard.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air.

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

No known hazardous decomposition products.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

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

Acute toxicity, oral LD50: &gt; 5000 mg/kg (Rat), Acute toxicity, dermal LD50: &gt;3000 mg/kg (Rabbit)

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Underbody Protection

Revision date: 24.01.2018

Page 6 of 10

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics				
	oral	LD50 >5000 mg/kg	Rat		
	dermal	LD50 >5000 mg/kg	Rabbit		
64742-95-6	Solvent Naphtha (petroleum), light fraction, aromatic				
	oral	LD50 >2000 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rabbit		
108-32-7	propylene carbonate				
	oral	LD50 34600 mg/kg	Rat	GESTIS	
	dermal	LD50 > 23800 mg/kg	Rabbit	GESTIS	

#### Irritation and corrosivity

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

Irritant effect on the eye: mild irritant.

Irritant effect on the skin: Has degreasing effect on the skin. Frequently or prolonged contact with skin may cause dermal irritation.

#### Sensitising effects

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

no danger of sensitization.

#### Carcinogenic/mutagenic/toxic effects for reproduction

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

#### STOT-single exposure

May cause drowsiness or dizziness. (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics)

#### STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

#### Aspiration hazard

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

#### Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

### SECTION 12: Ecological information

#### 12.1. Toxicity

The product is not: Ecotoxic.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Underbody Protection

Revision date: 24.01.2018

Page 7 of 10

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics					
	Fish toxicity	NOEC 1,0 mg/l	>0,1 - <=			
	Crustacea toxicity	NOEC 1,0 mg/l	>0,1 - <=			
64742-95-6	Solvent Naphtha (petroleum), light fraction, aromatic					
	Acute fish toxicity	LC50 mg/l	>1<10	96 h Fisch		
	Acute algae toxicity	ErC50 mg/l	>1<10	Alge		

#### 12.2. Persistence and degradability

Biological degradation: Product is biodegradable with difficulty.

#### 12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics	4-5,7
108-32-7	propylene carbonate	-0,41

#### 12.4. Mobility in soil

Due to its low solubility in water the product is almost completely mechanically separated in biological sewage plants.

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

The product has not been tested.

#### 12.6. Other adverse effects

No information available.

#### Further information

Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

##### Waste disposal number of waste from residues/unused products

130208 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; other engine, gear and lubricating oils; hazardous waste

##### Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled. Dispose of waste according to applicable legislation. Hand over to officially registered waste disposal company.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

##### 14.1. UN number:

UN 1139

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Underbody Protection

Revision date: 24.01.2018

Page 8 of 10

**14.2. UN proper shipping name:** COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under-coating, drum or barrel lining)

**14.3. Transport hazard class(es):** 3

**14.4. Packing group:** III

Hazard label: 3



Classification code: F1  
Limited quantity: LQ7  
Hazard No: 30  
Tunnel restriction code: D/E

#### Other applicable information (land transport)

Special provisions: 640E  
excepted quantities: E1  
Transport category: 3

#### Marine transport (IMDG)

**14.1. UN number:** UN 1139

**14.2. UN proper shipping name:** COATING SOLUTION (includes surface treatments or coatings used for industrial purposes such as vehicle under-coating, drum or barrel lining)

**14.3. Transport hazard class(es):** 3

**14.4. Packing group:** III

Hazard label: 3



Marine pollutant: •  
Limited quantity: 5 L  
EmS: F-E, S-E

#### Other applicable information (marine transport)

Special provisions: 944, 955  
excepted quantities: E1

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

**14.1. UN number:** UN 1139

**14.2. UN proper shipping name:** COATING SOLUTION (includes surface treatments or coatings used for industrial purposes such as vehicle under-coating, drum or barrel lining)

**14.3. Transport hazard class(es):** 3

**14.4. Packing group:** III

Hazard label: 3



Limited quantity Passenger: 10 L

IATA-packing instructions - Passenger:	309
IATA-max. quantity - Passenger:	60 L
IATA-packing instructions - Cargo:	310
IATA-max. quantity - Cargo:	220 L



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Underbody Protection

Revision date: 24.01.2018

Page 9 of 10

#### Other applicable information (air transport)

excepted quantities: E1

Use skin protection ointment after cleaning.: Y309

220 L

Special provisions: A3

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes



#### 14.6. Special precautions for user

Warning: Combustible liquids.

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

not applicable

### SECTION 15: Regulatory information

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

##### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 28: Solvent Naphtha (petroleum), light fraction, aromatic

2004/42/EC (VOC): 44,426 % (346,523 g/l)

##### Additional information

To follow: 850/2004/EC , 79/117/EEC , 689/2008/EC

##### National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Water contaminating class (D): 2 - clearly water contaminating

#### 15.2. Chemical safety assessment

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

### SECTION 16: Other information

#### 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%

#### Relevant H and EUH statements (number and full text)

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Underbody Protection**

Revision date: 24.01.2018

Page 10 of 10

H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

**Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*