

according to Regulation (EC) No 1907/2006

## 3300 Impregnation Spray

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

#### 1.1. Product identifier

3300 Impregnation Spray

UFI: Q9G4-38XK-N00D-2H33

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

#### Use of the substance/mixture

Impregnating agent

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

Company name: Kisling (Deutschland) GmbH

Street: Salzstraße 15
Place: D-74676 Niedernhall
Telephone: +49 7940 50961 61

E-mail: technical.support@kisling.com

Contact person: Dr. Hans Götz Telephone: +49 7940 5096 143

E-mail: compliance@kisling.com
Internet: www.kisling.com

1.4. Emergency telephone 24 hr. emergency phone number +1 872 5888271 (KAR)

number: Medicines & Poisons Info Office +356 2545 6508

#### **SECTION 2: Hazards identification**

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

### Regulation (EC) No 1272/2008

Aerosol 1; H222-H229 Asp. Tox. 1; H304 Eye Irrit. 2; H319 STOT SE 3; H336 Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

#### 2.2. Label elements

### Regulation (EC) No 1272/2008

#### Hazard components for labelling

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

propan-2-ol pentane

Hydrocarbons C6 - isoalkanes <5% n-hexane

Signal word: Danger

Pictograms:





#### **Hazard statements**

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.





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#### **Precautionary statements**

P102 Keep out of reach of children.

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.

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

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

#### Special labelling of certain mixtures

Operate if possible out of doors or in a well-ventilated place.

## Labelling of packages where the contents do not exceed 125 ml

Signal word: Danger

Pictograms:





#### **Hazard statements**

H222-H229-H336-H412

#### **Precautionary statements**

P102-P210-P211-P251-P271-P410+P412

## 2.3. Other hazards

Caution! Please absolutely note! May cause damage to health by inhalation! Only use outdoors or with good ventilation! Only spray for a few seconds! Large-surface leather and textile articles should only be sprayed outdoors and well ventilated! Keep out of reach of children!

#### **SECTION 3: Composition/information on ingredients**

#### 3.2. Mixtures

### **Chemical characterization**

Impregnating agent



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#### **Hazardous components**

CAS No	Chemical name			Quantity			
	EC No	Index No	REACH No				
	Classification (Regulation (EC) No	Classification (Regulation (EC) No 1272/2008)					
	Hydrocarbons C9-C10 - n-alkanes	Hydrocarbons C9-C10 - n-alkanes - isoalkanes - cyclics - <2% aromatics					
	927-241-2		01-2119471843-32				
	Flam. Liq. 3, STOT SE 3, Asp. To.	x. 1, Aquatic Chronic 3; H226	H336 H304 H412				
67-63-0	propan-2-ol			15-20 %			
	200-661-7	603-117-00-0					
	Flam. Liq. 2, Eye Irrit. 2, STOT SE	3; H225 H319 H336	•				
109-66-0	pentane			5 - < 15 %			
	203-692-4	601-006-00-1	01-2119459286-30				
	Flam. Liq. 2, STOT SE 3, Asp. To.						
	Hydrocarbons C6 - isoalkanes <5	5 - < 15 %					
	931-254-9		01-2119484651-34				
	Flam. Liq. 2, Skin Irrit. 2, STOT SE H411						
	Hydrocarbons C6-C7 - isoalkanes	1 - < 5 %					
	926-605-8		01-2119486291-36				
	Flam. Liq. 2, STOT SE 3, Asp. To.	x. 1, Aquatic Chronic 2; H225	H336 H304 H411 EUH066				
108-21-4	isopropyl acetate			1 - < 5 %			
	203-561-1	607-024-00-6					
	Flam. Liq. 2, Eye Irrit. 2, STOT SE	3; H225 H319 H336 EUH066	3				
123-86-4	n-butyl acetate			0.1 - < 1 %			
	204-658-1	607-025-00-1					
	Flam. Liq. 3, STOT SE 3; H226 H						

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

Specific Conc. Limits, M-factors and ATE

opcomo co	inc. Ellinis, Wi-ic	ictors and ATE	
CAS No	EC No	Chemical name	Quantity
	Specific Conc	Limits, M-factors and ATE	
	927-241-2	Hydrocarbons C9-C10 - n-alkanes - isoalkanes - cyclics - <2% aromatics	15 - < 30 %
	dermal: LD50	) = > 5000 mg/kg; oral: LD50 = > 15000 mg/kg	
67-63-0	200-661-7	propan-2-ol	15-20 %
	inhalation: LC mg/kg	C50 = 30 mg/l (vapours); dermal: LD50 = 13900 mg/kg; oral: LD50 = 4570-5840	
109-66-0	203-692-4	pentane	5 - < 15 %
	inhalation: LC	C50 = > 25,3 mg/l (vapours); oral: LD50 = > 5000 mg/kg	
	931-254-9	Hydrocarbons C6 - isoalkanes <5% n-hexane	5 - < 15 %
	inhalation: LC	250 = 73860 mg/l (vapours)	
108-21-4	203-561-1	isopropyl acetate	1 - < 5 %
	oral: LD50 =	6750 mg/kg	
123-86-4	204-658-1	n-butyl acetate	0.1 - < 1 %
	oral: LD50 =	14130 mg/kg	

## **SECTION 4: First aid measures**

### 4.1. Description of first aid measures





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#### **General information**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Never give anything by mouth to an unconscious person or a person with cramps.

#### After inhalation

Provide fresh air. Put victim at rest, cover with a blanket and keep warm. If unconscious but breathing normally, place in recovery position and seek medical advice.

#### After contact with skin

Wash with plenty of water. In case of skin irritation, consult a physician.

#### After contact with eyes

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

#### After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Get immediate medical advice/attention.

#### 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

No data available

## **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO2), Dry extinguishing powder, Foam.

#### Unsuitable extinguishing media

Full water jet.

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

In case of fire and/or explosion do not breathe fumes.

### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

## Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Pressurised container: May burst if heated.

### **SECTION 6: Accidental release measures**

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

#### General advice

Remove all sources of ignition. Provide adequate ventilation.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

#### Other information

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

### **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. Flammable vapours can





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accumulate in head space of closed systems. Caution! Transport usually takes place at temperatures above the flash point.

### Advice on protection against fire and explosion

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

#### Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. When using do not eat or drink.

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

### Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

#### Hints on joint storage

Do not store together with: Material, oxygen-rich, Oxidising. Pyrophoric or self-heating substances.

### Further information on storage conditions

Keep away from heat.

### **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

#### Occupational exposure limit values

CAS No	Name of agent	ppm	mg/m³	fib/cm³	Category	Origin
123-86-4	n-Butylacetate	50	241		TWA (8 h)	EU
		150	723		STEL (15 min)	EU
109-66-0	Pentane	1000	3000		TWA (8 h)	



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## **DNEL/DMEL values**

CAS No	Name of agent			
DNEL type		Exposure route	Effect	Value
	Hydrocarbons C9-C10 - n-alkanes - isoalkanes - c	yclics - <2% aromatics		
Consumer DN	EL, long-term	oral	systemic	46 mg/kg bw/day
Worker DNEL,	long-term	dermal	systemic	77 mg/kg bw/day
Consumer DN	EL, long-term	dermal	systemic	46 mg/kg bw/day
Worker DNEL,	long-term	inhalation	systemic	871 mg/m³
Consumer DN	EL, long-term	inhalation	systemic	185 mg/m³
67-63-0	propan-2-ol			
Worker DNEL,	long-term	inhalation	systemic	500 mg/m³
Worker DNEL,	long-term	dermal	systemic	888 mg/kg bw/day
Consumer DN	EL, long-term	inhalation	systemic	89 mg/m³
Consumer DN	EL, long-term	dermal	systemic	319 mg/kg bw/day
Consumer DN	EL, long-term	oral	systemic	26 mg/kg bw/day
109-66-0	pentane			
Worker DNEL,	long-term	inhalation	systemic	3000 mg/m³
Worker DNEL,	long-term	dermal	systemic	432 mg/kg bw/day
Consumer DN	EL, long-term	inhalation	systemic	643 mg/m³
Consumer DN	EL, long-term	dermal	systemic	214 mg/kg bw/day
Consumer DN	EL, long-term	oral	systemic	214 mg/kg bw/day
	Hydrocarbons C6 - isoalkanes <5% n-hexane			
Worker DNEL,	long-term	inhalation	systemic	5306 mg/m³
Worker DNEL,	long-term	dermal	systemic	13964 mg/kg bw/day
Consumer DN	EL, long-term	inhalation	systemic	1131 mg/m³
Consumer DN	EL, long-term	dermal	systemic	1377 mg/kg bw/day
Consumer DN	EL, long-term	oral	systemic	1301 mg/kg bw/day
108-21-4	isopropyl acetate			
Worker DNEL,	long-term	inhalation	systemic	275 mg/m³
Worker DNEL,	acute	inhalation	systemic	558 mg/m³
Worker DNEL,	long-term	inhalation	local	227 mg/m³
Worker DNEL,	long-term	dermal	systemic	27 mg/kg bw/day
Consumer DN	EL, long-term	inhalation	systemic	168 mg/m³
Consumer DN	EL, acute	inhalation	systemic	335 mg/m³
Consumer DN	EL, long-term	inhalation	local	136 mg/m³
Consumer DN	EL, long-term	dermal	systemic	16 mg/kg bw/day
Consumer DN	EL, long-term	oral	systemic	16 mg/kg bw/day
123-86-4	n-butyl acetate			
Worker DNEL,	long-term	inhalation	systemic	300 mg/m³
Worker DNEL,	acute	inhalation	systemic	600 mg/m³
Worker DNEL,	long-term	inhalation	local	300 mg/m³



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Worker DNEL, acute	inhalation	local	600 mg/m³
Worker DNEL, long-term	dermal	systemic	11 mg/kg bw/day
Worker DNEL, acute	dermal	systemic	11 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	35,7 mg/m³
Consumer DNEL, acute	inhalation	systemic	300 mg/m³
Consumer DNEL, long-term	inhalation	local	35,7 mg/m³
Consumer DNEL, acute	inhalation	local	300 mg/m <sup>3</sup>
Consumer DNEL, long-term	dermal	systemic	6 mg/kg bw/day
Consumer DNEL, acute	dermal	systemic	6 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	2 mg/kg bw/day
Consumer DNEL, acute	oral	systemic	2 mg/kg bw/day



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### **PNEC values**

PNEC values	
CAS No Name of agent	
Environmental compartment	Value
67-63-0 propan-2-ol	
Freshwater	140,9 mg/l
Freshwater (intermittent releases)	140,9 mg/l
Marine water	140,9 mg/l
Freshwater sediment	552 mg/kg
Marine sediment	552 mg/kg
Secondary poisoning	160 mg/kg
Micro-organisms in sewage treatment plants (STP)	2251 mg/l
Soil	28 mg/kg
109-66-0 pentane	
Freshwater	0,23 mg/l
Freshwater (intermittent releases)	0,88 mg/l
Marine water	0,23 mg/l
Freshwater sediment	1,2 mg/kg
Marine sediment	1,2 mg/kg
Micro-organisms in sewage treatment plants (STP)	3,6 mg/l
Soil	0,55 mg/kg
108-21-4 isopropyl acetate	
Freshwater	0,22 mg/l
Freshwater (intermittent releases)	1,1 mg/l
Marine water	0,022 mg/l
Freshwater sediment	1,25 mg/kg
Marine sediment	0,125 mg/kg
Micro-organisms in sewage treatment plants (STP)	190 mg/l
Soil	0,35 mg/kg
123-86-4 n-butyl acetate	
Freshwater	0,18 mg/l
Freshwater (intermittent releases)	0,36 mg/l
Marine water	0,018 mg/l
Freshwater sediment	0,981 mg/kg
Marine sediment	0,098 mg/kg
Micro-organisms in sewage treatment plants (STP)	35,6 mg/l
Soil	0,09 mg/kg

## 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. Use appropriate respiratory protection. Combination filtering device Particle filter device (EN 143)

## Individual protection measures, such as personal protective equipment

## Eye/face protection

Suitable eye protection: goggles



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#### Hand protection

Tested protective gloves must be worn.

Suitable material:

Thickness of the glove material > 0,4mm

> 480 min.

**EN ISO 374** 

#### Skin protection

Minimum standard for preventive measures while handling with working materials are specified in the TRGS

### Respiratory protection

Use appropriate respiratory protection.

#### **Environmental exposure controls**

Do not allow to enter into surface water or drains.

#### **SECTION 9: Physical and chemical properties**

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

Physical state: Aerosol Colour: colourless Odour: characteristic

Test method

Melting point/freezing point: not applicable Boiling point or initial boiling point and -11,7 °C

boiling range:

Lower explosion limits: 0,6 vol. % Upper explosion limits: 12 vol. % Flash point: -40 °C 240 °C Auto-ignition temperature: < 7 mm2/s / 40°C (liquid) mm2/s Viscosity / kinematic: Water solubility: 0 g/L

Vapour pressure:

2-4 bar hPa

(at 20 °C) Density (at 20 °C):

0,6775 g/cm<sup>3</sup> No data available

#### 9.2. Other information

Bulk density:

#### Information with regard to physical hazard classes

Oxidizing properties No data available

#### Other safety characteristics

Solvent separation test: No data available

Pour point: **ASTM D 97-66** 

No data available Viscosity / dynamic: Flow time: No data available

#### **Further Information**

none

### **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

Special hazards arising from the substance or mixture. There are no data available on the mixture itself.

#### 10.2. Chemical stability



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The product is stable under storage at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

No data available

#### 10.4. Conditions to avoid

Pressurised container: May burst if heated. This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).

#### 10.6. Hazardous decomposition products

Pyrolysis products, containing fluorine

## **SECTION 11: Toxicological information**

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

### Toxicocinetics, metabolism and distribution

No data available

#### Acute toxicity

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

#### **ATEmix calculated**

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name						
	Exposure route	Dose		Species	Source	Method	
	Hydrocarbons C9-C10 -	n-alkanes -	isoalkanes -	cyclics - <2% aromati	cs		
	oral	LD50 mg/kg	> 15000	Rat	Study report (1977)	OECD Guideline 401	
	dermal	LD50 mg/kg	> 5000	Rabbit	Study report (1993)	OECD Guideline 402	
67-63-0	propan-2-ol						
	oral	LD50 5840 mg/k	4570- (g	Rat	Pre-supplier/manufact urer	OECD 401	
	dermal	LD50 mg/kg	13900	Rabbit	Pre-supplier/manufact urer	OECD 402	
	inhalation (4 h) vapour	LC50	30 mg/l	Rat	Pre-supplier/manufact urer		
109-66-0	pentane						
	oral	LD50 mg/kg	> 5000	Rat	Study report (1982)	OECD Guideline 423	
	inhalation (4 h) vapour	LC50 mg/l	> 25,3	Rat	Secondary source (1993)	OECD Guideline 403	
	Hydrocarbons C6 - isoalkanes <5% n-hexane						
	inhalation (4 h) vapour	LC50 mg/l	73860	Rat	Industrial Medicine, Vol. 39, No. 5, May	OECD Guideline 403	
108-21-4	isopropyl acetate						
	oral	LD50 mg/kg	6750	Rat	AMA Archives of Industrial Hygiene and O	Study preceded guidelines. Principles of	
123-86-4	n-butyl acetate						
	oral	LD50 mg/kg	14130	Rat	Publication (1954)	acute oral toxicity test	





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#### Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

#### Sensitising effects

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

### 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; propan-2-ol)

#### STOT-repeated exposure

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

#### **Aspiration hazard**

May be fatal if swallowed and enters airways.

### Specific effects in experiment on an animal

No data available

#### Additional information on tests

No data available

#### **Practical experience**

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

## **SECTION 12: Ecological information**

#### 12.1. Toxicity

Harmful to aquatic organisms.



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CAS No	Chemical name						
	Aquatic toxicity	Dose		[h]   [d]	Species	Source	Method
67-63-0	propan-2-ol						
	Acute fish toxicity	LC50 mg/l	10000	96 h	Pimephales promelas	Publication (1983)	OECD Guideline 203
	Hydrocarbons C6 - isoalk	anes <5% r	n-hexane				
	Acute fish toxicity	LL50 mg/l	18,27	96 h	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a
	Acute algae toxicity	ErC50 mg/l	13,56	72 h	Pseudokirchneriella subcapitata	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a
	Acute crustacea toxicity	EL50 mg/l	31,9	48 h	Daphnia magna	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a
	Fish toxicity	NOEC mg/l	4,089	28 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a
	Crustacea toxicity	NOEC mg/l	7,138	21 d	Daphnia magna	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a
108-21-4	isopropyl acetate						
	Acute algae toxicity	ErC50	370 mg/l	72 h	Pseudokirchneriella subcapitata	REACh Registration Dossier	OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l	> 1000	48 h	Daphnia magna	Study report (1987)	other: Methods for the Acute Toxicity Te
123-86-4	n-butyl acetate						
	Acute fish toxicity	LC50	18 mg/l	96 h	Pimephales promelas	Publication (1984)	OECD Guideline 203
	Acute crustacea toxicity	EC50	44 mg/l	48 h	Daphnia sp.	Publication (1959)	OECD Guideline 202
	Crustacea toxicity	NOEC mg/l	23,2	21 d	Daphnia magna	Study report (2000)	OECD Guideline 211

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

No data available

### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
67-63-0	propan-2-ol	0,05
109-66-0	pentane	3,45
	Hydrocarbons C6 - isoalkanes <5% n-hexane	3,6
108-21-4	isopropyl acetate	1,03
123-86-4	n-butyl acetate	200



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#### **BCF**

CAS No	Chemical name	BCF	Species	Source
	Hydrocarbons C9-C10 - n-alkanes - isoalkanes - cyclics - <2% aromatics	144,3	calculated	Other company data (
109-66-0	pentane	171	Pimephales promelas	QSAR in Environmenta
	Hydrocarbons C6 - isoalkanes <5% n-hexane	501,187	Pimephales promelas	QSAR in Environmenta

#### 12.4. Mobility in soil

No data available

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII. No data available

## 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### 12.7. Other adverse effects

No data available

#### **Further information**

Do not allow to enter into surface water or drains. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

#### **Disposal recommendations**

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

#### List of Wastes Code - residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and

discarded chemicals; gases in pressure containers (including halons) containing hazardous

substances; hazardous waste

### List of Wastes Code - used product

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and

discarded chemicals; gases in pressure containers (including halons) containing hazardous

substances; hazardous waste

#### List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND

PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by

hazardous substances; hazardous waste

#### Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

## **SECTION 14: Transport information**

#### Land transport (ADR/RID)

**14.1. UN number or ID number:** UN 1950 **14.2. UN proper shipping name:** AEROSOLS

14.3. Transport hazard class(es): 2
14.4. Packing group: Hazard label: 2.1



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Classification code: 5F

Special Provisions: 190 327 344 625

Limited quantity: 1 L
Excepted quantity: E0
Transport category: 2
Tunnel restriction code: D

Inland waterways transport (ADN)

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS

14.3. Transport hazard class(es): 2
14.4. Packing group: Hazard label: 2.1



Classification code: 5F

Special Provisions: 190 327 344 625

Limited quantity: 1 L Excepted quantity: E0

Marine transport (IMDG)

14.1. UN number or ID number:UN 195014.2. UN proper shipping name:AEROSOLS

14.3. Transport hazard class(es):2.114.4. Packing group:-Hazard label:2.1



Special Provisions: 63, 190, 277, 327, 344, 959

Limited quantity: 1000 mL Excepted quantity: E0 EnS: F-D, S-U

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:UN 195014.2. UN proper shipping name:AEROSOLS

14.3. Transport hazard class(es):2.114.4. Packing group:-Hazard label:2.1



Special Provisions: A145 A167 A802

Limited quantity Passenger: 30 kg G
Passenger LQ: Y203
Excepted quantity: E0

IATA-packing instructions - Passenger: 203
IATA-max. quantity - Passenger: 75 kg
IATA-packing instructions - Cargo: 203



according to Regulation (EC) No 1907/2006

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IATA-max. quantity - Cargo: 150 kg

14.5. Environmental hazards

**ENVIRONMENTALLY HAZARDOUS:** Ves



## **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 3, Entry 28, Entry 40, Entry 75

2010/75/EU (VOC): 99,5%; 674,1 g/l

**National regulatory information** 

Water hazard class (D): 2 - obviously hazardous to water

### 15.2. Chemical safety assessment

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

#### **SECTION 16: Other information**

#### Abbreviations and acronyms

Aerosol: Aerosols

Flam. Liq: Flammable liquid Asp. Tox: Aspiration hazard Skin Irrit: Skin irritation Eye Irrit: Eye irritation

STOT SE: Specific target organ toxicity - single exposure

Aquatic Chronic: Chronic aquatic hazard

#### Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Aerosol 1; H222-H229	On basis of test data
Asp. Tox. 1; H304	Calculation method
Eye Irrit. 2; H319	Bridging principle "Aerosols"
STOT SE 3; H336	Bridging principle "Aerosols"
Aquatic Chronic 3; H412	Calculation method

#### Relevant H and EUH statements (number and full text) Extremely flammable aerosol.

• • • • • • • • • • • • • • • • • • • •	=/:::/
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
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**

H222

The above information describes exclusively the safety requirements of the product and is based on our





according to Regulation (EC) No 1907/2006

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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.

#### Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	Surface modifier	-	-	14	-	-	-	-	3

LCS: Life cycle stages
PC: Product categories

ERC: Environmental release categories

TF: Technical functions

SU: Sectors of use PROC: Process categories AC: Article categories

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