

**Safety Data Sheet**  
**according to Regulation (EC) No. 1907/2006 (REACH)**  
**according to Regulation (EU) 2020/878**

263.23.941  
Version 10.0

PROline-paint Anti-slip industrial floor coating  
Revision date 16-Feb-2023

Print date 16-Feb-2023

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

**1.1 Product identifier**

**Trade name/designation**

263.23.941 PROline-paint Anti-slip industrial floor coating white RAL 9016 mat  
UFI: 4QP1-X0MA-U00Y-Y3CN

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

**Relevant identified uses**

**1.3 Details of the supplier of the safety data sheet**

**Supplier**

MORAVIA GmbH  
Rostocker Straße 10  
65191 Wiesbaden  
Deutschland  
Telephone: +49 611 95020  
Telefax: +49 611 9502200  
E-mail: service@moravia.de  
Website: www.moravia.de

**Department responsible for information**

E-mail (competent person) service@moravia.de

**1.4 Emergency telephone number**

Emergency telephone number: +49 611-95020  
Only available during office hours.

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

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

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].  
Flam. Liq. 3; flammable liquids; H226 Flammable liquid and vapour.  
STOT SE 3 Narcotic effects; STOT-single exposure; H336 May cause drowsiness or dizziness.

**2.2 Label elements**

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

**Hazard pictograms**



GHS02 GHS07

**Signal word**

Warning

**Hazard statements**

H226 Flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.

**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P370 + P378 In case of fire: Use extinguishing powder or sand to extinguish.  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P403 + P235 Store in a well-ventilated place. Keep cool.

**\* Hazard components for labelling**

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Supplemental hazard information**

EUH066 Repeated exposure may cause skin dryness or cracking.  
EUH208 Contains Cobalt bis(2-ethylhexanoate) ethylhexanoate). May produce an allergic reaction.

**2.3 Other hazards**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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

**3.2 Mixtures**

**Description**

Preparation of synthetic binders, pigments and solvents

**Hazardous ingredients**

CAS No. EC No. Index No.	Substance name REACH No. Classification according to Regulation (EC) No 1272/2008 [CLP]	weight-%
* 14464-46-1 238-455-4 -	<b>Cristobalite</b> STOT SE 3 H335	12,5 < 15,0
64742-48-9 919-857-5 -	<b>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b> 01-2119463258-33 Flam. Liq. 3 H226 / Asp. Tox. 1 H304 / STOT SE 3 H336 / EUH066	12,5 < 15,0
123-86-4 204-658-1 607-025-00-1	<b>n-butyl acetate</b> 01-2119485493-29 Flam. Liq. 3 H226 / STOT SE 3 H336 / EUH066	7,00 < 8,00
141-78-6 205-500-4 607-022-00-5	<b>ethyl acetate</b> 01-2119475103-46 Flam. Liq. 2 H225 / Eye Irrit. 2 H319 / STOT SE 3 H336 / EUH066	2,50 < 3,00
2457-01-4 219-535-8 056-002-00-7	<b>Barium bis(2-ethylhexanoate)</b> 01-2119983179-22 Acute Tox. 4 H302 / Eye Dam. 1 H318 / Acute Tox. 4 H332 / Repr. 2 H361d	0,100 < 0,150
136-52-7 205-250-6 -	<b>Cobalt bis(2-ethylhexanoate) ethylhexanoate)</b> 01-2119524678-29 Skin Sens. 1A H317 / Eye Irrit. 2 H319 / Repr. 1B H360F / Aquatic Acute 1 H400 / Aquatic Chronic 3 H412 ATE (oral): 708 mg/kg	0,025 < 0,050

**Remark**

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

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**General information**

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

**Following inhalation**

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

**Following skin contact**

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

**After eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

**Following ingestion**

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

**Self-protection of the first aider**

First aider: Pay attention to self-protection!

**4.2 Most important symptoms and effects, both acute and delayed**

**Symptoms**

In all cases of doubt, or when symptoms persist, seek medical advice.

**4.3 Indication of any immediate medical attention and special treatment needed**

First Aid, decontamination, treatment of symptoms.

# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

alcohol resistant foam, Carbon dioxide (CO<sub>2</sub>), Powder, spray mist, (water)

#### Unsuitable extinguishing media

Strong water jet

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

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

### 5.3 Advice for firefighters

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

## SECTION 6: Accidental release measures

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

Ventilate affected area. Do not breathe vapours.

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

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

#### For containment

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

#### For cleaning up

Clean using cleansing agents. Do not use solvents.

### 6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: refer to section 8

Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advices on safe handling

Avoid contact with skin, eyes and clothes. Avoid respiration of swarf. Personal protection equipment: see section 8 Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

#### Advices on general occupational hygiene

When using do not eat, drink or smoke.

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

#### Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

#### Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

**Storage class** LGK3 - Flammable liquids

#### Further information on storage conditions

Keep container tightly closed. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Store in a well-ventilated and dry room at temperatures between 5 °C and 35 °C.

### 7.3 Specific end use(s)

Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

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**8.1 Control parameters**

**Occupational exposure limit values**

CAS No.	Substance name	Source	Long-term /short-term (Spitzenbegrenzung)
2457-01-4	Barium bis(2- ethylhexanoate)	WEL	0,5 / - ( - ) mg/m <sup>3</sup> (barium compounds, soluble, calculated as Ba)
14464-46-1	Cristobalite	WEL	0,1 / - ( - ) mg/m <sup>3</sup> (Silica, crystalline; respirable fraction)
141-78-6	ethyl acetate	WEL	734 / 1.468 ( - ) mg/m <sup>3</sup>

**Additional information**

Long-term: Long-term occupational exposure limit value

short-term: short-term occupational exposure limit value

**Biological limit values**

No data available

**DNEL worker**

CAS No.	Substance name	DNEL type	DNEL value
2457-01-4	Barium bis(2- ethylhexanoate)	Long-term – inhalation, systemic effects	8,8 mg/m <sup>3</sup>
2457-01-4	Barium bis(2- ethylhexanoate)	Long-term - dermal, systemic effects	43,2 mg/kg bw/day
136-52-7	Cobalt bis(2-ethylhexanoate) ethylhexanoate)	Long-term – inhalation, local effects	235,1 µg/m <sup>3</sup>
64742-48-9	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	Long-term – inhalation, systemic effects	1.500 mg/m <sup>3</sup>
64742-48-9	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	Long-term - dermal, systemic effects	300 mg/kg bw/day
141-78-6	ethyl acetate	Long-term – inhalation, systemic effects	734 mg/m <sup>3</sup>
141-78-6	ethyl acetate	Acute - inhalation, local effects	1.468 mg/m <sup>3</sup>
141-78-6	ethyl acetate	Long-term – inhalation, local effects	734 mg/m <sup>3</sup>
141-78-6	ethyl acetate	Long-term - dermal, systemic effects	63 mg/kg bw/day
123-86-4	n-butyl acetate	Long-term – inhalation, systemic effects	48 mg/m <sup>3</sup>
123-86-4	n-butyl acetate	Long-term - dermal, systemic effects	7 mg/kg bw/day

**DNEL Consumer**

CAS No.	Substance name	DNEL type	DNEL value
2457-01-4	Barium bis(2- ethylhexanoate)	Long-term – inhalation, systemic effects	2,6 mg/m <sup>3</sup>
2457-01-4	Barium bis(2- ethylhexanoate)	Long-term - oral, systemic effects	3,7 mg/kg bw/day
136-52-7	Cobalt bis(2-ethylhexanoate) ethylhexanoate)	Long-term – inhalation, local effects	37 µg/m <sup>3</sup>
136-52-7	Cobalt bis(2-ethylhexanoate) ethylhexanoate)	Long-term - oral, systemic effects	175 µg/kg bw/day
64742-48-9	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	Long-term – inhalation, systemic effects	900 mg/m <sup>3</sup>
64742-48-9	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	Long-term - dermal, systemic effects	300 mg/kg bw/day
64742-48-9	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	Long-term - oral, systemic effects	300 mg/kg bw/day

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141-78-6	ethyl acetate	Long-term – inhalation, systemic effects	367 mg/m <sup>3</sup>
141-78-6	ethyl acetate	Acute - inhalation, systemic effects	734
141-78-6	ethyl acetate	Long-term – inhalation, local effects	367 mg/m <sup>3</sup>
141-78-6	ethyl acetate	Acute - inhalation, local effects	734 mg/m <sup>3</sup>
141-78-6	ethyl acetate	Long-term - dermal, systemic effects	37 mg/kg bw/day
141-78-6	ethyl acetate	Long-term - oral, systemic effects	4,5 mg/kg bw/day
123-86-4	n-butyl acetate	Long-term – inhalation, systemic effects	12 mg/m <sup>3</sup>
123-86-4	n-butyl acetate	Long-term - dermal, systemic effects	3,4 mg/kg bw/day
123-86-4	n-butyl acetate	Long-term - oral, systemic effects	3,4 mg/kg bw/day

**PNEC**

CAS No.	Substance name	PNEC type	PNEC Value
2457-01-4	Barium bis(2- ethylhexanoate)	sewage treatment plant	50,1 mg/L
2457-01-4	Barium bis(2- ethylhexanoate)	sediment, freshwater	792,7 mg/kg sediment dw
136-52-7	Cobalt bis(2-ethylhexanoate) ethylhexanoate)	aquatic, marine water	2,36 µg/L
136-52-7	Cobalt bis(2-ethylhexanoate) ethylhexanoate)	sewage treatment plant	0,37 mg/L
136-52-7	Cobalt bis(2-ethylhexanoate) ethylhexanoate)	sediment, freshwater	53,8 mg/kg sediment dw
136-52-7	Cobalt bis(2-ethylhexanoate) ethylhexanoate)	sediment, marine water	69,8 mg/kg sediment dw
141-78-6	ethyl acetate	aquatic, intermittent release	1,65 mg/L
141-78-6	ethyl acetate	aquatic, marine water	0,024 mg/L
141-78-6	ethyl acetate	sewage treatment plant	650 mg/L
141-78-6	ethyl acetate	sediment, freshwater	1,15 mg/kg sediment dw
141-78-6	ethyl acetate	sediment, marine water	0,115 mg/kg sediment dw
123-86-4	n-butyl acetate	aquatic, intermittent release	0,36 mg/L
123-86-4	n-butyl acetate	aquatic, marine water	0,018 mg/L
123-86-4	n-butyl acetate	sewage treatment plant	35,6 mg/L
123-86-4	n-butyl acetate	sediment, freshwater	0,981 mg/kg sediment dw
123-86-4	n-butyl acetate	sediment, marine water	0,098 mg/kg sediment dw

**8.2 Exposure controls**

Provide good ventilation. This can be achieved with local or room suction.

**Personal protection equipment**

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

**Hand protection**

Suitable material: NBR (Nitrile rubber)

Thickness of the glove material >= 0,4 mm

Breakthrough time >= 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. Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin.

Recommended glove articles: EN ISO 374

**Skin protection**

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

**Eye/face protection**

Eye glasses with side protection: EN 166

**Body protection**

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When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn. Anti-static clothing including shoes are recommended.

**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	Liquid
Colour	white
Odour	characteristic
pH at 20 °C	not relevant
Melting point/freezing point	-83,55 °C
	Source: ethyl acetate
Initial boiling point and boiling range	> 76 °C
	Source: ethyl acetate
Flash point	23 °C
flammability	Flammable liquid and vapour.
Lower explosion limit at 20°C	0,7 Vol-%
	Source: Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics
Upper explosion limit at 20°C	11,5 Vol-%
	Source: ethyl acetate
Vapour pressure at 20°C	1,357 mbar
Relative vapour density	not applicable
Density at 20 °C	1,579 kg/l
Water solubility at 20°C	practically insoluble
Partition coefficient: n-octanol/water	see section 12
Ignition temperature in °C	> 270 °C
	Source: Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics
Decomposition temperature	not determined
Viscosity at 20 °C	300 mm²/s
particle characteristics	not applicable

**9.2 Other information**

not applicable

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

No specific test data related to reactivity available for this product or its ingredients.

**10.2 Chemical stability**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

**10.3 Possibility of hazardous reactions**

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

**10.4 Conditions to avoid**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

**10.5 Incompatible materials**

No further relevant information available.

**10.6 Hazardous decomposition products**

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Hazardous decomposition byproducts may form with exposure to high temperatures e.g.: Carbon dioxide (CO<sub>2</sub>), Carbon monoxide, smoke.

## SECTION 11: Toxicological information

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

#### **Acute toxicity**

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

#### **Cobalt bis(2-ethylhexanoate) ethylhexanoate**

LD50: oral (Rat): 708 mg/kg

#### **Skin corrosion/irritation**

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

#### **Serious eye damage/eye irritation**

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

#### **Respiratory or skin sensitisation**

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

#### **Overall assessment on CMR properties**

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

#### **STOT-single exposure**

May cause drowsiness or dizziness.

#### **STOT-repeated exposure**

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

#### **Aspiration hazard**

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

#### **Practical experience/human evidence**

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: Headache, Dizziness, fatigue, amyosthenia, Dizziness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

### 11.2 Information on other hazards

#### **Endocrine disrupting properties**

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

## SECTION 12: Ecological information

### 12.1 Toxicity

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

#### **Acute (short-term) toxicity to crustacea**

**Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics**

LC50: > 0,002 mg/L (96 h)

#### **Chronic (long-term) toxicity to aquatic invertebrate**

NOELR: 1 mg/L (21 d)

#### **Toxicity to microorganisms**

2 (5 h)

### 12.2 Persistence and degradability

No information available.

### 12.3 Bioaccumulative potential

\* Partition coefficient: n-octanol/water = 1,85 (n-butyl acetate)

\* Partition coefficient: n-octanol/water > 0,66 (ethyl acetate)

### 12.4 Mobility in soil

No information available.



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**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.

**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 information available.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Product/Packaging disposal**

Do not empty into drains; dispose of this material and its container in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

**Waste codes/waste designations according to EWC/AVV**

080111\* - Waste paint and varnish containing organic solvents or other dangerous substances

**Other disposal recommendations**

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

**SECTION 14: Transport information**

**14.1 UN number or ID number**

UN 1263

**14.2 UN proper shipping name**

**Land transport (ADR/RID)**

Paint

**Sea transport (IMDG)**

Paint

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

Paint

**14.3 Transport hazard class(es)**

Land transport (ADR/RID)	3 for packages < = 450 litres: Kein Gut der Klasse 3
Sea transport (IMDG)	3 for packages < = 450 litres: Transport in accordance with 2.3.2.5 of the IMDG Code
Air transport (ICAO-TI / IATA-DGR)	3

**14.4 Packing group**

Land transport (ADR/RID)	III
Sea transport (IMDG)	III
Air transport (ICAO-TI / IATA-DGR)	III

**14.5 Environmental hazards**

Land transport (ADR/RID)	not applicable
Sea transport (IMDG)	not applicable

**14.6 Special precautions for user**

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.  
Advices on safe handling: see parts 6 - 8

**14.7 Maritime transport in bulk according to IMO instruments**

No transport as bulk according to IBC Code.

**14.8 Additional information**

**Land transport (ADR/RID)**

Tunnel restriction code: D/E  
Limited quantity (LQ): 5 ltr  
Hazard identification number (Kemler No.): 30



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**Sea transport (IMDG)**

EmS-No.: F-E, S-E  
Limited quantity (LQ): 5 ltr

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

not applicable

**SECTION 15: Regulatory information**

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

**EU legislation**

**Restrictions of occupation**

Observe employment restrictions under the Maternity Protection Directive 92/85/EEC or stricter national regulations, if applicable.  
Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC) or stricter national regulations, if applicable.

**Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]**

VOC value: 385 g/l

**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]**

**Hazard categories / Named dangerous substances**

P5c FLAMMABLE LIQUIDS

Quantity 1: 5.000t; Quantity 2: 50.000t

**National regulations**

Observe in addition any national regulations!

**15.2 Chemical Safety Assessment**

For the following substances of this mixture a chemical safety assessment has been carried out:

REACH No.	Substance name	CAS No. EC No.
01-2119983179-22	Barium bis(2-ethylhexanoate)	2457-01-4 219-535-8
01-2119524678-29	Cobalt bis(2-ethylhexanoate) ethylhexanoate	136-52-7 205-250-6
01-2119463258-33	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	64742-48-9 919-857-5
01-2119475103-46	ethyl acetate	141-78-6 205-500-4
01-2119485493-29	n-butyl acetate	123-86-4 204-658-1

**SECTION 16: Other information**

**List of relevant hazard statements and/or precautionary statements from sections 2 to 15**

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
* H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H360F	May damage fertility.
H361d	Suspected of damaging the unborn child.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
* <b>Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]</b>	
Flam. Liq. 3	On basis of test data.

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STOT SE 3 Narcotic effects      Calculation method.

**Abbreviations and acronyms**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

OEL: Occupational Exposure Limit Value

BLV: Biological limit values

CAS: Chemical Abstracts Service

CLP: Classification, Labelling and Packaging

CMR: Carcinogenic, Mutagenic and Reprotoxic

DIN: German Institute for Standardization / German industrial standard

DNEL: Derived No-Effect Level

EAKV: European Waste Catalogue Directive

EC: Effective Concentration

EC: European Community

EN: European Standard

IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

ICAO-TI: International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG Code: International Maritime Code for Dangerous Goods

ISO: International Organization for Standardization

LC: Lethal Concentration

LD: Lethal Dose

MWC: Maximum workplace concentration

MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships

OECD: Organisation for Economic Cooperation and Development

PBT: persistent, bioaccumulative, toxic

PNEC: Predicted No Effect Concentration

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

UN: United Nations

VOC: Volatile Organic Compounds

vPvB: very persistent and very bioaccumulative

**Indication of changes**

\* Data changed compared with the previous version.