

## Safety Data Sheet 13.05.2025

### PRISMA COLOR Version 7



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

##### 1.1. Product identifier

Mixture identification:

Trade name:

PRISMA COLOR

Trade code:

91001,91002, 91003, 91004, 91005, 91006, 91007, 91010,  
91011, 91012, 91013, 91014, 91015, 91016, 91017, 91018,  
91019, 91020,91022, 91023, 91024, 91025, 91026, 91027,  
91028, 91029, 91031, 91033, 91034, 91035, 91036, 91037,  
91038, 91039, 91040, 91041, 91055, 91057, 91201, 91202,  
91203, 91301, 91305, 91306,91307, 91308, 91309, 91310,  
91312, 91313, 91314, 91315, 91316, 91317, 91320, 91321,  
91322, 91324, 91325,91326, 91327, 91328, 91330, 91331,  
91332, 91334, 91335, 91336, 91337, 91338, 91339, 91340,  
91345, 91346, 91347, 91348, 91329, 91353, 91354, 91355  
91356, 91357

UFI code:

A300-V0PS-400C-G33C

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

Recommended use:

Spray painting decorative household, industrial and professional

Uses advised against:

do not use on humans or animals

do not use for purposes other than those stated

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

**Schuller Eh' klar GmbH**

**Im Astenfeld 6**

**A-4490, St. Florian**

**Tel.: +43(7224) 68200; Fax: +43 (7224) 68282**

Competent person responsible for the safety data sheet: Hsiaomei Schuller

[office@schuller.eu](mailto:office@schuller.eu)


##### 1.4. Emergency telephone number


Poison Control Center Austria: +43 (1) 406 43 43


#### SECTION 2: Hazards identification


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

EC regulation criteria 1272/2008 (CLP):

 Danger, Aerosols 1, Extremely flammable aerosol. Pressurised container: May burst if heated.

 Warning, Skin Irrit. 2, Causes skin irritation.

 Warning, Eye Irrit. 2, Causes serious eye irritation.

 Warning, STOT SE 3, May cause drowsiness or dizziness.

Adverse physicochemical, human health and environmental effects:

No other hazards

## 2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

H222, H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements:

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

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.

P501 Dispose of contents/container in accordance with applicable regulations.

Special provisions:

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Contains:

Acetone; propan-2-one; propanone

Special provisions according to Annex XVII of REACH and subsequent amendments:

None.

## 2.3. Other hazards

vPvB Substances: None - PBT Substances: None

No endocrine disruptor substances present in concentration  $\geq 0.1\%$ .

Other hazards:

Section 10.3



## SECTION 3: Composition/information on ingredients







### 3.1. Substances

N.A.

### 3.2. Mixture

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
$\geq 25\%$ - $< 30\%$	acetone; propan-2-one; propanone	Index number: 606-001-00-8 CAS: 67-64-1 EC: 200-662-2 REACH No.: 01-2119471330-49	 2.6/2 Flam. Liq. 2 H225 3.3/2 Eye Irrit. 2 H319 3.8/3 STOT SE 3 H336 EUH066
$\geq 15\%$ - $< 20\%$	xylene	Index number: 601-022-00-9 CAS: 1330-20-7 EC: 215-535-7	 2.6/3 Flam. Liq. 3 H226 3.1/4/Dermal Acute Tox. 4 H312

		REACH No.: 01-2119488216-32	 3.1/4/Inhal Acute Tox. 4 H332 3.2/2 Skin Irrit. 2 H315
>= 15% - < 20%	propane	Index number: 601-003-00-5 CAS: 74-98-6 EC: 200-827-9 REACH No.: 01-2119486944-21	 2.2/1 Flam. Gas 1 H220 2.5/L Press Gas (Liq.) H280
>= 7% - < 10%	butane	Index number: 601-004-00-0 CAS: 106-97-8 EC: 203-448-7 REACH No.: 01-2119474691-32	 2.2/1 Flam. Gas 1 H220 2.5/L Press Gas (Liq.) H280
>= 5% - < 7%	isobutane	Index number: 601-004-00-0 CAS: 75-28-5 EC: 200-857-2 REACH No.: 01-2119485395-27	 2.2/1 Flam. Gas 1 H220 2.5/L Press Gas (Liq.) H280
>= 1% - < 2.5%	dimethyl carbonate	Index number: 607-013-00-6 CAS: 616-38-6 EC: 210-478-4 REACH No.: 01-2119548399-23	 2.6/2 Flam. Liq. 2 H225
>=0.01% - < 3.5%	titanium dioxide (in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm)	Index number: 022-006-00-2 CAS: 13463-67-7 EC: 236-675-5 REACH No.: 01-2119489379-17	 3.6/2 Carc.2. H351

#### SECTION 4: First aid measures

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

###### In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water.

###### In case of eye contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

###### In case of ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

###### In case of inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

The most important acute and delayed symptoms and effects are contained in Section 11.

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

Follow the doctor's instructions.

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## SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

CO2 or powder extinguisher.

In case of fire: Use powder fire extinguisher to extinguish the fire.

Extinguishing media which must not be used for safety reasons:

Water

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Cool the fire affected containers with water spray.

Move undamaged containers from immediate hazard area if it can be done safely.

Wear firefighting clothing in accordance with European Standard EN469.

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## SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Remove persons to safety.

See protective measures under Section 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand.

6.3. Methods and material for containment and cleaning up

For containment:

Limitation in case of spillage of larger amounts of product. Contain the spillage of small amounts of product with soil, sand or other inert absorbent material.

For cleaning up:

Clean up spills immediately.

Wash with plenty of water.

Wet cleaning or soaking up solids.

Other information:

Do not use a brush or compressed air to clean surfaces or clothing.

6.4. Reference to other sections

See also section 8 and 13.

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## SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material

residuals in the containers.

See also section 8 for recommended protective equipment.

Exercise the highest degree of caution when handling the product. Avoid impact and friction.

Advice on general occupational hygiene:

Do not eat, drink, or smoke when using this product.

Contaminated clothing must be changed before entering dining areas.

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

Store in a cool (10°C-25°C), well-ventilated place away from heat, open flames, sparks and other sources of ignition. Store only in the original container away from direct sunlight. Avoid contact with skin and eyes, inhalation of vapours / mists / dusts. Do not use empty container before they have been cleaned.

Keep away from open flames, sparks and heat sources. Do not expose to direct sunlight.

Always store in well-ventilated rooms.

Do not smoke.

Avoid the accumulation of electrostatic charges.

Contaminated clothing must be changed before entering dining areas. Do not eat or drink while working.

Keep away from food, drinks and pet food.

Incompatible materials:

See Section 10.5

Avoid contact with acids.

Instructions as regards storage premises:

Cool and adequately ventilated rooms.

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

None in particular.

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Commission Directive (EC) No 2000/39 of 8 June 2000:

Aceton; Propan-2-on; Propanon - CAS: 67-64-1

8 hours: 1210 mg/m<sup>3</sup>, 500 ppm

Xylene - CAS: 1330-20-7

8 hours: 221 mg/m<sup>3</sup>, 50 ppm; Short-term: 442 mg/m<sup>3</sup>, 100 ppm

#### DNEL- Exposure limit values

Xylene - CAS: 1330-20-7

Workers Industrial: 180 mg/kg - Consumers: 108 mg/kg - Exposure: Man - dermal -

Frequency: Long-term, systemic effects

Worker Industrial: 77 mg/l - Consumer: 14.8 mg/l - Exposure: Man - Inhalation -

Frequency: Long-term, systemic effects

Consumer: 1.6 mg/kg - Exposure: Man - oral - Frequency: Long-term, systemic effects

Worker Industrial: 289 mg/kg - Exposure: Man - Inhalation - Frequency: Short-term (acute)

reaction mass of ethylbenzene and m-xylene and p-xylene

Workers - industrial: 289 mg/l - Consumers: 174 mg/l - Exposure: humans - inhalation - Frequency: Short term (acute)

Workers - industrial: 180 mg/kg - Consumers: 108 mg/kg - Exposure: humans - dermal - Frequency: Long-term, systemic effects

Workers Industrial: 77 mg/kg - Consumers: 14.8 mg/kg - Exposure:

humans - inhalation - Frequency: Long-term, systemic effects

Consumer: 1.6 mg/kg - Exposure: Man - oral - Frequency: Long-term, systemic effects



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#### PNEC- Exposure limit values

Xylene - CAS: 1330-20-7

Target: Freshwater - value: 0.32 mg/l

Target: Seawater - value: 0.32 mg/l

Target: River sediment - value: 12.46 mg/l

Target: Seawater sediment - value: 12.46 mg/l

Target: Soil (agriculture) - value: 2.31 mg/kg

reaction mass of ethylbenzene and m-xylene and p-xylene

Target: Freshwater - value: 0.32 mg/l

Target: Seawater - value: 0.32 mg/l

Target: River sediment - value: 12.46 mg/l

Target: Seawater sediment - value: 12.46 mg/l

Target: Soil (agriculture) - value: 2.31 mg/kg

#### 8.2. Exposure controls

##### Eye/face protection:

Use close fitting safety goggles with side protection (EN ISO 16321-1:2022; EN 166), do not use contact lenses.

##### Skin protection:

Wear working clothes with long sleeves and protective footwear for professional use of category II (ref. Directive 89/686/CEE and standard EN ISO 20344). Wash with soap and water after removing protective clothing.

##### Hand protection:

Protect hands with category II working gloves (ref. Directive 89/686/CEE and standard EN 374). Use gloves made of PVC, neoprene, nitrile or rubber.

##### Respiratory protection:

If the TLV limits are exceeded, use a mask with filter type A (against vapours of organic compounds) according to EN 141.

In case of intensive or prolonged exposure, use self-contained breathing apparatus. Filter A2/P3.

##### Thermal hazards:

Do not expose to temperatures above 50 °C.

##### Environmental exposure controls:

Do not dispose of the product in the environment.

##### Appropriate engineering controls:

None

## SECTION 9: Physical and chemical properties

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

Properties	Value	Method	Notes
Physical state:	Liquid	--	--
Colour:	Various		
Odour, odour threshold:	Characteristic Solvent odour	--	--
Melting point/freezing point:	Not relevant	--	--
Boiling point or initial boiling point and boiling range:	Not relevant		
Flammability	flammable		
Lower and upper explosion limit:	Not relevant	--	--
Flash point:	< 0 °C	--	--
Auto-ignition temperature:	> 400 °C	--	--
Decomposition temperature:	N.A.		
pH	Not relevant	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	No	--	--
Solubility in oil:	Yes	--	--

Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	At 20 °C - 4.0 bar At 50 °C - 8.0 bar		
Density and/or relative density:	0,75 +/- 0.05 g/ml	--	--
Relative vapour density	>1 (air=1)		
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information  
 No further relevant information

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions.  
 Avoid contact with strong acids and bases and oxidising agents.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

It may form explosive vapour/air mixtures in areas that are not well ventilated.  
 Avoid mixing the product with strong oxidising agents and strong acids.

### 10.4. Conditions to avoid

Avoid heat, flames and sparks, exposure to light and moisture.  
 Avoid accumulation of electrostatic charges.  
 Keep away from heat sources, ignition sources.

### 10.5. Incompatible materials

Oxidising agents.  
 Strong acids and flammable liquids.  
 Acids, bases and alkali chemicals.

### 10.6. Hazardous decomposition products

Irritant gases are produced during combustion.  
 COx can be released through thermal decomposition.

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## SECTION 11: Toxicological information

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

Toxicological information of the product:

PRISMA COLOR

#### a) Acute toxicity

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

#### b) Skin corrosion/irritation

The product is classified: Skin Irrit. 2 H315

#### c) Serious eye damage/irritation

The product is classified: Eye Irrit. 2 H319

#### d) Respiratory or skin sensitisation

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

#### e) Germ cell mutagenicity

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

#### f) Carcinogenicity

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

#### g) Reproductive toxicity

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

#### h) STOT-single exposure

The product is classified: STOT SE 3 H336

- i) STOT-repeated exposure  
Not classified.  
Based on available data, the classification criteria are not met.
- j) Aspiration hazard  
Not classified.  
Based on available data, the classification criteria are not met.

Toxicological information of the main substances found in the product:

Acetone; propan-2-one; propanone - CAS: 67-64-1  
LD50 (RABBIT) ORAL: 5300 MG/KG

Xylene - CAS: 1330-20-7

a) Acute toxicity

ATE - Skin 1100 mg/kg bw

ATE - Inhalation (Vapours) 11 mg/l

Test: LD50 - Route: Oral - Species: Mouse = 5627 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 6700 ppm - Duration: 4h

g) Reproductive toxicity:

Test: Toxicity in reproduction - Species: Rat = 500 ppm

LD50 (RAT) ORAL: 5000 MG/KG

11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration  $\geq$  0.1%.

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## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

PRISMA COLOR

Not classified for environmental hazards.

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

Xylene - CAS: 1330-20-7

a) Aquatic acute toxicity:

End point: LC50 - Species: Fish = 2.6 mg/l - Duration / h: 96

End point: EC50 - Species: Daphnia = 1 mg/l - Duration / h: 24

End point: EC50 - Species: Algae = 4.36 mg/l - Duration / h: 76

b) Aquatic chronic toxicity:

End point: NOEL - Species: Fish > 1.3 mg/l - Duration / h: 56 - Notes: days  
reaction mass of ethylbenzene and m-xylene and p-xylene

a) Aquatic acute toxicity:

End point: LC50 - Species: Fish = 2.6 mg/l - Duration / h: 96

End point: LC50 - Species: Daphnia = 1 mg/l - Duration / h: 24

End point: EC50 - Species: Algae = 1.9 mg/l - Duration / h: 73

### 12.2. Persistence and degradability

None

Xylene - CAS: 1330-20-7

Biodegradability: Non-persistent and biodegradable.

### 12.3. Bioaccumulative potential

N.A.

Xylene - CAS: 1330-20-7

Bioaccumulation: Not bioaccumulative.

- 12.4. Mobility in soil  
N.A.  
Xylene - CAS: 1330-20-7  
Mobility in soil: Mobile
- 12.5. Results of PBT and vPvB assessment  
vPvB Substances: None - PBT Substances: None

- 12.6. Endocrine disrupting properties  
No endocrine disruptor substances present in concentration  $\geq 0.1\%$

- 12.7. Other adverse effects  
WGK 2

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### SECTION 13: Disposal considerations

- 13.1. Waste treatment methods  
Recycle if possible. Dispose of in authorised landfills or incinerators. Proceed in accordance with applicable local and national regulations.
- Additional information on disposal:  
Contaminated packaging must be sent for recycling or disposal in accordance with national waste management regulations.  
Reuse, if possible. The residues of the product must be considered as hazardous waste.  
Disposal must be entrusted to a company responsible for waste management, in compliance with national and possibly local regulations.

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### SECTION 14: Transport information

- 14.1. UN number or ID number  
ADR-UN number: 1950  
IATA-UN number: 1950  
IMDG-UN number: 1950
- 14.2. UN proper shipping name  
ADR-Shipping name: AEROSOLS  
IATA-Technical name: AEROSOLS, flammable  
IMDG-Technical name: AEROSOLS
- 14.3. Transport hazard class(es)  
ADR-Road transport: 2.5F  
IATA-Class: 2.1  
IATA-Label: 2.1  
IMDG-Class: 2
- 14.4. Packing group  
ADR-Packing group: -  
IATA-Packing group: -  
IMDG-Packing group: -
- 14.5. Environmental hazards  
Marine pollutant: Marine pollutant
- 14.6. Special precautions for user  
ADR-Transport category (tunnel restriction code): D  
ADR-Limited quantity (LQ): 1L  
IATA-Passenger Aircraft: ---  
IATA-Cargo Aircraft: 203  
IMDG-Technical name: Aerosol  
IMDG-Page: F-D, S-U
- 14.7. Maritime transport in bulk according to IMO instruments  
N.A.

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### SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
Directive 98/24/EC (on the protection of the health and safety of workers from the risks related to chemical agents at work)

Directive 2000/39/EG (Occupational exposure limit values)  
Regulation (EC) Nr. 1907/2006 (REACH)  
Regulation (EC) Nr. 1272/2008 (CLP)  
Regulation (EC) Nr. 790/2009 (1. ATP CLP) and (EU) Nr. 758/2013  
Regulation (EU) 2020/878  
Regulation (EU) Nr. 286/2011 (2. ATP CLP)  
Regulation (EU) Nr. 618/2012 (3. ATP CLP)  
Regulation (EU) Nr. 487/2013 (4. ATP CLP)  
Regulation (EU) Nr. 944/2013 (5. ATP CLP)  
Regulation (EU) Nr. 605/2014 (6. ATP CLP)  
Regulation (EU) Nr. 2015/1221 (7. ATP CLP)  
Regulation (EU) Nr. 2016/918 (8. ATP CLP)  
Regulation (EU) Nr. 2016/1179 (9. ATP CLP)  
Regulation (EU) Nr. 2017/776 (10. ATP CLP)  
Regulation (EU) Nr. 2018/669 (11. ATP CLP)  
Regulation (EU) Nr. 2018/1480 (13. ATP CLP)  
Regulation (EU) Nr. 2019/521 (12. ATP CLP)  
Regulation (EU) Nr. 2020/217 (14. ATP CLP)  
Regulation (EU) Nr. 2020/1182 (15. ATP CLP)  
Regulation (EU) Nr. 2021/643 (16. ATP CLP)  
Regulation (EU) Nr. 2021/849 (17. ATP CLP)  
Regulation (EU) Nr. 2022/692 (18. ATP CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3  
Restriction 40

Restrictions related to the substances contained:

Restriction 75

Volatile Organic compounds - VOC = 322,50 g/l

Volatile CMR substances = 0.00 %

Volatile halogenated organic compounds to which is assigned risk phrase R40 = 0.00 %

Organic Carbon - C = 0.00

Where applicable, refer to the following regulatory provisions:

Directive EU 2012/18 (Seveso III)  
Regulation (EC) Nr. 648/2004 (detergents).  
Directive 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1  
Product belongs to category: P3a

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

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## SECTION 16: Other information

Text of phrases referred to under Section 3:

H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
EUH066 Repeated exposure may cause skin dryness or cracking.  
H220 Extremely flammable gas.  
H280 Contains gas under pressure; may explode if heated.  
H226 Flammable liquid and vapour.  
H312 Harmful in contact with skin.  
H332 Harmful if inhaled.  
H315 Causes skin irritation.  
H351 Suspected of causing cancer.

Hazard class and hazard category	Code	Description
Flam. Gas 1	2.2/1	Flammable gases, Category 1
Aerosols 1	2.3/1	Aerosols, Category 1
Press Gas (Liq.)	2.5/L	Gases under pressure (Liquefied gas)
Flam. Liq. 2	2.6/2	Flammable liquids, Category 2
Flam. Liq. 3	2.6/3	Flammable liquids, Category 3
Acute Tox. 4	3.1/4/Dermal	Acute toxicity (dermal), Category 4
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Skin Irrit. 2	3.2/2	Skin corrosion/irritation, Category 2
Eye Irrit. 2	3.3/2	Serious eye damage/eye irritation, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity – Single exposure, Category 3
Carc. 2	3.6/2	Carcinogenicity, Hazard Category 2

Changes in sections compared to the previous version:  
 SECTION 12 Ecological information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Aerosols 1, H222, H229	On basis of test data
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method
STOT SE 3, H336	Calculation method

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,  
 Commission of the European Communities  
 SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR:	Agreement concerning the International Carriage of Dangerous Goods by Road
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification, labelling and packaging
DNEL:	Derived-No-Effect-Level (DNEL)
EINECS:	European Inventory of Existing Commercial Chemical Substances
GefStoffVO:	Ordinance on Hazardous Substances, Germany
GHS:	Globally Harmonized System of Classification and Labelling of Chemicals
IATA:	International Air Transport Association (IATA)
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association (IATA)
ICAO:	International Civil Aviation Organization (ICAO)



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ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air (ICAO)

IMDG: International Maritime Dangerous Goods (IMDG-Code)

INCI: International Nomenclature of Cosmetic Ingredients (INCI)

KSt: Explosion coefficient

LC50: Lethal concentration resulting in 50 % mortality

LD50: Lethal dose resulting in 50 % mortality

PNEC: Predicted No Effect Concentration (PNEC value)

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

STEL: Short Term Exposure limit

STOT: Specific Target Organ Toxicity

TLV: Threshold Limit Value

TWA: Time-weighted average

WGK: German Water Hazard Class