

# Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 13.08.2025

Version number 8 (replaces version 7)

Revision: 13.08.2025

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

### 1.1 Product identifier

- Trade name: **Rust Primer**
- Article number: 90201, 90202, 90203, 90204, 90208, 90209
- UFI: JMP3-V071-7000-WDE8

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

No further relevant information available.

### Application of the substance / the mixture

Priming

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

- Manufacturer/Supplier: AKEMI chemisch technische Spezialfabrik GmbH  
Lechstrasse 28  
D 90451 Nürnberg
- Tel. +49(0)911-642960  
Fax. +49(0)911-644456  
e-mail info@akemi.de

### Further information obtainable from:

Laboratory

### 1.4 Emergency telephone number:

Product Safety Department AKEMI chemisch technische Spezialfabrik GmbH  
Tel. +49(0)911-64296-59  
Reachable during the following office hours:  
Monday – Thursday from 07:30 a.m. to 16:30 p.m.  
Friday from 07:30 a.m. to 13:30 p.m.

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

- Flam. Liq. 3      H226 Flammable liquid and vapour.
- Skin Irrit. 2      H315 Causes skin irritation.
- Eye Irrit. 2      H319 Causes serious eye irritation.
- STOT SE 3      H335 May cause respiratory irritation.
- STOT RE 2      H373 May cause damage to organs through prolonged or repeated exposure.
- Aquatic Chronic 2      H411 Toxic to aquatic life with long lasting effects.

- Response: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

- Storage: Store in a well-ventilated place. Keep cool.

### 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008
- Hazard pictograms

The product is classified and labelled according to the CLP regulation.



GHS02   GHS07   GHS08   GHS09

- Signal word Warning

- Hazard-determining components of labelling: reaction mass of ethylbenzole and xylene  
Solvent naphtha (petroleum), light arom.  
butanol

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- Hazard statements
  - H226 Flammable liquid and vapour.
  - H315 Causes skin irritation.
  - H319 Causes serious eye irritation.
  - H335 May cause respiratory irritation.
  - H373 May cause damage to organs through prolonged or repeated exposure.
  - H411 Toxic 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.
  - P103 Read carefully and follow all instructions.
  - P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
  - P260 Do not breathe mist/vapours/spray.
  - P273 Avoid release to the environment.
  - P280 Wear protective gloves / eye protection.
  - P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
  - P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - P314 Get medical advice/attention if you feel unwell.
  - P403+P233 Store in a well-ventilated place. Keep container tightly closed.
  - P405 Store locked up.
  - P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **2.3 Other hazards**
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- Determination of endocrine-disrupting properties For information on endocrine disrupting properties see section 11.

**SECTION 3: Composition/information on ingredients****3.2 Mixtures**

- Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:

EC number: 905-588-0 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32 01-2119486136-34	reaction mass of ethylbenzole and xylene Flam. Liq. 3, H226 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 Aquatic Chronic 3, H412	12.5-25%
CAS: 64742-95-6 EC number: 918-668-5 Index number: 649-356-00-4 Reg.nr.: 01-2119455851-35	Solvent naphtha (petroleum), light arom. Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H335-H336 EUH066	12.5-25%

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CAS: 7779-90-0 EINECS: 231-944-3 Index number: 030-011-00-6 Reg.nr.: 01-2119485044-40-0000	trizinc bis(orthophosphate) Aquatic Acute 1, H400; Aquatic Chronic 1, H410	<10%
CAS: 1174522-09-8 EC number: 918-481-9 Index number: 649-327-00-6 Reg.nr.: 01-2119457273-39	Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclics, aromatics Asp. Tox. 1, H304 EUH066	1-5%
CAS: 71-36-3 EINECS: 200-751-6 Index number: 603-004-00-6 Reg.nr.: 01-2119484630-38	butanol Flam. Liq. 3, H226 Eye Dam. 1, H318 Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336	1-5%
CAS: 84418-68-8 EINECS: 282-780-4 Reg.nr.: 01-2120770060-67	zinc neodecanoate, basic Aquatic Acute 1, H400; Aquatic Chronic 2, H411	1-5%
CAS: 136-51-6 EINECS: 205-249-0 Index number: 607-230-00-6	calcium bis(2-ethylhexanoate) Repr. 1B, H360D	<1%

· Additional information: For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: First aid measures****4.1 Description of first aid measures**

- General information: Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.  
Immediately remove any clothing soiled by the product.
- After inhalation: Supply fresh air or oxygen; call for doctor.  
In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing: Do not induce vomiting; call for medical help immediately.  
A person vomiting while laying on their back should be turned onto their side.

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

Headache  
Dizziness  
Dizziness

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

No further relevant information available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

- Suitable extinguishing agents: CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**For safety reasons unsuitable extinguishing agents:**

Water with full jet

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

Formation of toxic gases is possible during heating or in case of fire.  
In case of fire, the following can be released:

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**· 5.3 Advice for firefighters****· Protective equipment:****· Additional information**

Carbon monoxide (CO)

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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

Ensure adequate ventilation

Keep away from ignition sources.

Wear protective equipment. Keep unprotected persons away.

**· 6.2 Environmental precautions:**

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

**· 6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

Dispose contaminated material as waste according to section 13.

Do not flush with water or aqueous cleansing agents

**· 6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**SECTION 7: Handling and storage****· 7.1 Precautions for safe handling**

Keep receptacles tightly sealed.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

**· Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

**· 7.2 Conditions for safe storage, including any incompatibilities****· Storage:****· Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Store only in the original receptacle.

**· Information about storage in one common storage facility:**

Store away from foodstuffs.

**· Further information about storage conditions:**

Keep container tightly sealed.

**· Storage class:**

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**· 7.3 Specific end use(s)**

No further relevant information available.

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**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

· Ingredients with limit values that require monitoring at the workplace:

**reaction mass of ethylbenzole and xylene**

AGW	Short-term value: 442 mg/m <sup>3</sup> , 100 ppm
	Long-term value: 221 mg/m <sup>3</sup> , 50 ppm
H	

**64742-95-6 Solvent naphtha (petroleum), light arom.**

OEL	Long-term value: 100 mg/m <sup>3</sup> , 20 ppm
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**1174522-09-8 Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclics, <2% aromatics**

TLV	Short-term value: 1200 mg/m <sup>3</sup> , 184 ppm
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· DNELs

**reaction mass of ethylbenzole and xylene**

Oral	DNEL (Langzeit-wiederholt)	5 mg/kg bw/day (BEV)
Dermal	DNEL ( Langzeit-wiederholt)	212 mg/kg bw/day (ARB)
		125 mg/kg bw/day (BEV)
Inhalative	DNEL (Kurzzeit-akut)	442 mg/m <sup>3</sup> Air (ARB)
		260 mg/m <sup>3</sup> Air (BEV)
		DNEL (Langzeit-wiederholt)
		65.3 mg/m <sup>3</sup> Air (BEV)

**64742-95-6 Solvent naphtha (petroleum), light arom.**

Oral	DNEL (Langzeit-wiederholt)	11 mg/kg bw/day (BEV)
Dermal	DNEL ( Langzeit-wiederholt)	25 mg/kg bw/day (ARB)
		11 mg/kg bw/day (BEV)
Inhalative	DNEL (Langzeit-wiederholt)	150 mg/m <sup>3</sup> Air (ARB)
		32 mg/m <sup>3</sup> Air (BEV)

**7779-90-0 trizinc bis(orthophosphate)**

Oral	DNEL (Langzeit-wiederholt)	0.83 mg/kg bw/day (BEV)
Dermal	DNEL ( Langzeit-wiederholt)	83 mg/kg bw/day (ARB)
		83 mg/kg bw/day (BEV)
Inhalative	DNEL (Langzeit-wiederholt)	5 mg/m <sup>3</sup> Air (ARB)
		2.5 mg/m <sup>3</sup> Air (BEV)

**71-36-3 butanol**

Oral	DNEL (Langzeit-wiederholt)	1,562 mg/kg bw/day (BEV)
Dermal	DNEL ( Langzeit-wiederholt)	3,125 mg/kg bw/day (BEV)
Inhalative	DNEL (Langzeit-wiederholt)	310 mg/m <sup>3</sup> Air (ARB)
		155 mg/m <sup>3</sup> Air (BEV)

· PNECs

**reaction mass of ethylbenzole and xylene**

PNEC (wässrig)	1.6 mg/l (KA)
	0.004 mg/l (MW)
	0.044 mg/l (SW)
	0.01 mg/l (WAS)
PNEC (fest)	0.852 mg/kg Trockengew (BO)

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	0.252 mg/kg Trockengew (MWS) 2.52 mg/kg Trockengew (SWS)
<b>7779-90-0 trizinc bis(orthophosphate)</b>	
PNEC (wässrig)	0.1 mg/l (KA) 0.0072 mg/l (MW) 0.0144 mg/l (SW)
PNEC (fest)	83.1 mg/kg Trockengew (BO) 162.2 mg/kg Trockengew (MWS) 146.9 mg/kg Trockengew (SWS)
<b>71-36-3 butanol</b>	
PNEC (wässrig)	2,476 mg/l (KA) 0.008 mg/l (MW) 0.082 mg/l (SW) 2.25 mg/l (WAS)
PNEC (fest)	0.0166 mg/kg Trockengew (BO) 0.0324 mg/kg Trockengew (MWS) 0.324 mg/kg Trockengew (SWS)

· Additional information: The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· Appropriate engineering controls No further data; see section 7.

· Individual protection measures, such as personal protective equipment

· General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Use skin protection cream for skin protection.

Clean skin thoroughly immediately after handling the product.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

· Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Short term filter device:

Filter A/P2

· Hand protection

Preventive skin protection by use of skin-protecting agents is recommended.

After use of gloves apply skin-cleaning agents and skin cosmetics.

The protection gloves to be used have to comply with the specifications of the directive 89/686/EC and the directive derived decree EN374, respectively, e.g. the above listed protection glove type. The mentioned permeation times' data were generated and verified with material samples of the recommended protection glove type in the scope of laboratory analyses of the company KCL GmbH in compliance with EN374.

This recommendation refers exclusively to the material safety data sheet referenced product delivered by Akemi and the indicated field of application. In case of product dilution or in case of mixture with different substances or chemicals, and in condition of EN374 deviation the producer of CE-approved protection gloves must be contacted for detailed information (e.g., KCL GmbH, Germany, 36124 Eichenzell, internet: <http://www.kcl.de>).

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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- Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- Material of gloves  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
  - Penetration time of glove material  
Value for the permeation: Level  $\leq 6$ , 480 min  
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
  - For the permanent contact gloves made of the following materials are suitable:  
Fluorocarbon rubber (Viton)  
Vitoject (KCL, Art\_No. 890)
  - As protection from splashes gloves made of the following materials are suitable:  
Nitrile rubber, NBR  
Camatril (KCL, 730, 731, 732, 733)
  - Not suitable are gloves made of the following materials:  
Leather gloves  
Strong material gloves
  - Eye/face protection  
 Tightly sealed goggles
  - Body protection:  
Protective work clothing

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

- General Information
- Physical state Liquid
- Colour: According to product specification
- Odour: Specific type
- Melting point/freezing point: Undetermined.
- Boiling point or initial boiling point and boiling range 137 °C
- Lower and upper explosion limit
- Lower: 0.6 Vol %
- Upper: 7 Vol %
- Flash point: >23 °C
- Auto-ignition temperature: 450 °C
- pH Not determined.  
Not applicable
- Viscosity:
- Kinematic viscosity at 20 °C 120-180 s (DIN 53211/4)
- Dynamic: Not determined.
- Solubility
- water: Not miscible or difficult to mix.
- Vapour pressure at 20 °C: 210 hPa
- Density and/or relative density
- Density at 20 °C: 1.25-1.35 g/cm<sup>3</sup>

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**9.2 Other information**

- Appearance:
- Form: Fluid
- Important information on protection of health and environment, and on safety.
- Ignition temperature: Product is not selfigniting.
- Explosive properties: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
- Solvent content:
- Organic solvents: 39.9 %
- Solids content: 58-62 %

Information with regard to physical hazard classes

- Explosives Void
- Flammable gases Void
- Aerosols Void
- Oxidising gases Void
- Gases under pressure Void
- Flammable liquids Flammable liquid and vapour.
- Flammable solids Void
- Self-reactive substances and mixtures Void
- Pyrophoric liquids Void
- Pyrophoric solids Void
- Self-heating substances and mixtures Void
- Substances and mixtures, which emit flammable gases in contact with water Void
- Oxidising liquids Void
- Oxidising solids Void
- Organic peroxides Void
- Corrosive to metals Void
- Desensitised explosives Void

**SECTION 10: Stability and reactivity**

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** Carbon monoxide and carbon dioxide

**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.

· LD/LC50 values relevant for classification:**reaction mass of ethylbenzole and xylene**

Oral	LD50	3,523 mg/kg (rat)
	NOAEL-Werte	250 mg/kg (rat)

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Dermal	LD50	12,126 mg/kg (rabbit)
Inhalative	LC50/4h	29,000 mg/m <sup>3</sup> (rat)
	LC50/4 h	27.124 mg/l (rat)
<b>64742-95-6 Solvent naphtha (petroleum), light arom.</b>		
Oral	LD50	3,592 mg/kg (rat)
Dermal	LD50	>3,160 mg/kg (rabbit)
		>2,000 mg/kg (rat)
<b>7779-90-0 trizinc bis(orthophosphate)</b>		
Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
Inhalative	LC50/4 h	>5.7 mg/l (rat) (OECD 403)
<b>1174522-09-8 Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclics, &lt;2% aromatics</b>		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/4h	>5,000 mg/m <sup>3</sup> (rat)
	LC50/4 h	4,951 mg/l (rat)
	LC50	>5,000 mg/m <sup>3</sup> (rat)
<b>71-36-3 butanol</b>		
Oral	LD50	3,430 mg/kg (rabbit) (OECD 402)
		2,292 mg/kg (rat) (OECD 401)
Dermal	ATE-Wert	mg/kg (rat)
	LD50	3,400 mg/kg (rabbit)
Inhalative	LC50/4h	17.76 mg/m <sup>3</sup> (rat)
	LC50/4 h	8,000 mg/l (rat)

- Primary irritant effect:
- Skin corrosion/irritation Causes skin irritation.
- Serious eye damage/irritation Causes serious eye irritation.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure May cause respiratory irritation.
- STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.
- Aspiration hazard Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

- Endocrine disrupting properties

None of the ingredients is listed.

**SECTION 12: Ecological information**· **12.1 Toxicity**

- Aquatic toxicity:

**reaction mass of ethylbenzole and xylene**

LC50/24h	1 mg/l (daphnia magna) (OECD 202)
EC50/48h	3.2-9.5 mg/l (daphnia magna) (US EPA)
ErC50/72h	4.9 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
NOEC	16 mg/l (BES)

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NOELR/72h	1.3 mg/l (Oncorhynchus mykiss)
NOELR/72h	0.44 mg/l (Pseudokirchneriella subcapitata)
NOEC/21d	1.57 mg/l (daphnia magna) (OECD 211)
NOELR/28d	16 mg/l (bacteria)
EC50/72h	1-10 mg/l (algae)
LC50/96h	4.7 mg/l (selenastrum capricornutum) (OECD 201)
LC50/96h	1-10 mg/l (fish)
	86 mg/l (Leuciscus idus)
	2.6 mg/l (Oncorhynchus mykiss) (OECD 203)
	8.9-16.4 mg/l (pimephales promelas)

**64742-95-6 Solvent naphtha (petroleum), light arom.**

EC50	<10 mg/l (daphnia magna)
IC50	<10 mg/l (daphnia magna)
LC50	<10 mg/l (algae)
	>1-<10 mg/l (piscis)
EL50/48h	3.2 mg/l (ceriodaphnia Dubai)
	3.2 mg/l (daphnia magna)
EL50/72h	2.6-2.9 mg/l (Pseudokirchneriella subcapitata)
	2.9 mg/l (selenastrum capricornutum)
LL50/96h	9.2 mg/l (Oncorhynchus mykiss)
NOELR/72h	1 mg/l (Pseudokirchneriella subcapitata)
EC50/48h	3.2 mg/l (daphnia magna)
EC50/72h	2.9 mg/l (Pseudokirchneriella subcapitata)
LC50/96h	9.2 mg/l (Oncorhynchus mykiss)

**7779-90-0 trizinc bis(orthophosphate)**

EC50/48h	0.21-0.34 mg/l (daphnia magna)
ErC50/72h	<0.3 mg/l (Desmodemus subspicatus)
NOEC	≥0.03-≤1.57 mg/l (daphnia magna)
	≥0.05-≤2.58 mg/l (piscis)
	0.052 mg/l (selenastrum capricornutum)
EC50/48h	<1.7 mg/l (daphnia magna)
EC50/72h	0.089-0.67 mg/l (selenastrum capricornutum)
	0.28 mg/l (Selenastrum capricornutum)
LC50/96h	0.47-0.95 mg/l (piscis)
	<5.1 mg/l (Oncorhynchus mykiss)

**1174522-09-8 Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclics, <2% aromatics**

EC50/48h	>1,000 mg/l (daphnia magna)
ErC50/72h	>1,000 mg/l (Pseudokirchneriella subcapitata)
EL0/48h	1,000 mg/l (daphnia magna)
EL0/72h	1,000 mg/l (Pseudokirchneriella subcapitata)
EL50/48h	1,000 mg/l (daphnia magna)
LL0/96h	1,000 mg/l (Oncorhynchus mykiss)
NOELR/72h	1,000 mg/l (Pseudokirchneriella subcapitata)
LC50/96h	>1,000 mg/l (Oncorhynchus mykiss)

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**71-36-3 butanol**

EC50/96h	225 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
EC50	4,400 mg/l (pseudomonas putida)
IC50/72h	>500 mg/l (Desmodesmus subspicatus)
EC10/16h	2,376 mg/l (pseudomonas putida) (DIN 38412)
NOEC/21d	4.1 mg/l (daphnia magna) (OECD 211)
EC50/48h	1,328 mg/l (daphnia magna) (OECD 202)
EC50/72h	8,500 mg/l (algae)
LC50/96h	1,200 mg/l (Leuciscus idus)
	1,376 mg/l (pimephales promelas) (OECD 203)
	>500 mg/l (Scenedesmus subspicatus)

- **12.2 Persistence and degradability**

No further relevant information available.

- **12.3 Bioaccumulative potential**

No further relevant information available.

- **12.4 Mobility in soil**

No further relevant information available.

- **12.5 Results of PBT and vPvB assessment**

- PBT:

Not applicable.

- vPvB:

Not applicable.

- **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

- **12.7 Other adverse effects**

- Remark:

Toxic for fish

- Additional ecological information:

- General notes:

Do not allow product to reach ground water, water course or sewage system. Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**

- Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- European waste catalogue

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01 00	wastes from MFSU and removal of paint and varnish
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances

- Uncleaned packaging:

- Recommendation:

Disposal must be made according to official regulations.

**SECTION 14: Transport information**

- **14.1 UN number or ID number**

- ADR, IMDG, IATA

UN1263

- **14.2 UN proper shipping name**

- ADR

1263 PAINT, ENVIRONMENTALLY HAZARDOUS

- IMDG

PAINT, MARINE POLLUTANT

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## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31






Printing date 13.08.2025

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· IATA	PAINT
· <b>14.3 Transport hazard class(es)</b>	
· ADR	
 	
· Class	3 (F1) Flammable liquids.
· Label	3
· <b>IMDG</b>	
 	
· Class	3 Flammable liquids.
· Label	3
· <b>IATA</b>	
	
· Class	3 Flammable liquids.
· Label	3
· <b>14.4 Packing group</b>	
· ADR, IMDG, IATA	III
· <b>14.5 Environmental hazards:</b>	
· Marine pollutant:	Product contains environmentally hazardous substances: Yes Symbol (fish and tree)
· Special marking (ADR):	Symbol (fish and tree)
· <b>14.6 Special precautions for user</b>	
· Hazard identification number (Kemler code):	Warning: Flammable liquids. 30
· EMS Number:	F-E, S-E
· Stowage Category	A
· <b>14.7 Maritime transport in bulk according to IMO instruments</b>	
Not applicable.	
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· Transport category	3
· Tunnel restriction code	D/E
· <b>IMDG</b>	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

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· UN "Model Regulation":	UN 1263 PAINT, 3, III, ENVIRONMENTALLY HAZARDOUS
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**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- Directive 2012/18/EU
  - Named dangerous substances - ANNEX I
  - Seveso category
  - Qualifying quantity (tonnes) for the application of lower-tier requirements
  - Qualifying quantity (tonnes) for the application of upper-tier requirements
  - REGULATION (EC) No 1907/2006 ANNEX XVII
- None of the ingredients is listed.  
E2 Hazardous to the Aquatic Environment  
P5c FLAMMABLE LIQUIDS
- 200 t  
500 t  
Conditions of restriction: 3

· <u>DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II</u>
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None of the ingredients is listed.

· <u>REGULATION (EU) 2019/1148</u>
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· <u>Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))</u>
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None of the ingredients is listed.

· <u>Annex II - REPORTABLE EXPLOSIVES PRECURSORS</u>
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None of the ingredients is listed.

· <u>Regulation (EC) No 273/2004 on drug precursors</u>
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None of the ingredients is listed.

· <u>Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors</u>
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None of the ingredients is listed.

· <u>National regulations:</u>
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· <u>Waterhazard class:</u>	Water hazard class 2 (Self-assessment): hazardous for water.
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· <u>Substances of very high concern (SVHC) according to REACH, Article 57</u>
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None of the ingredients is listed.

· <u>VOC EU</u>	498.8-538.7 g/l
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**15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

- Department issuing SDS: Laboratory
- Date of previous version: 23.10.2023
- Version number of previous version: 7

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### according to Regulation (EC) No 1907/2006, Article 31

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**· Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

ADR: Accord relatif au transport international 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 Harmonised 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 (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Repr. 1B: Reproductive toxicity – Category 1B

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

EU