

**Safety data sheet**  
**according to Regulation (EC) No 1907/2006, Article 31**

Printing date 11.03.2026

V- 4.0 (replaces version 3.0)

Revision: 11.03.2026

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

### 1.1 Product identifier

**Trade name:** **SMARTRLINE PREMIUM 4:1 PRIMER FILLER WHITE**

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

*Identified use: professional use.*

### Application of the substance / the mixture

*Filler and surfacer*

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

**Manufacturer/Supplier:** **Paintsmart Group Ltd**  
10 Barberry Street, Judea, Tauranga  
Phone 07 571 8921  
Email admin@paintsmart.co.nz

### Further information obtainable from:

### 1.4 Emergency telephone number:

**24HRS EMERGENCY TELEPHONE NUMBER IN NEW ZEALAND:**  
National Poisons Centre: 0800 POISON [764 766]

## \* SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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



GHS02

Flam. Liq. 3      H226 Flammable liquid and vapour.



GHS08

STOT RE 2      H373 May cause damage to organs through prolonged or repeated exposure.



GHS07

Skin Irrit. 2      H315 Causes skin irritation.

Eye Irrit. 2      H319 Causes serious eye irritation.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

#### Labelling according to

**Regulation (EC) No 1272/2008**

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

#### Hazard pictograms



GHS02



GHS07



GHS08

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**Signal word** Warning

**Hazard-determining components of labelling:**

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

**Hazard statements**

H226 Flammable liquid and vapour.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P260 Do not breathe mist/vapours/spray.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P314 Get medical advice/attention if you feel unwell.  
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**

The product does not contain a substance included in the list established pursuant to Article 59(1) of Regulation (EC) No 1907/2006 as having endocrine disrupting properties or a substance that would be identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in a quantity  $\geq 0.1\%$ .

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

**3.2 Mixtures**
**Description:** Mixture of substances listed below with nonhazardous additions.

**Dangerous components:**

|                           |                                                                                                                                                                                         |        |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| List no.: 905-562-9       | Reaction mass of ethylbenzene and m-xylene and p-xylene                                                                                                                                 | 5-15%  |
| Reg.nr.: 01-2119555267-33 | ⚠ 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 |        |
| CAS: 1330-20-7            | xylene                                                                                                                                                                                  | 1-7.5% |
| EINECS: 215-535-7         | ⚠ 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 |        |
| Reg.nr.: 01-2119488216-32 |                                                                                                                                                                                         |        |
| CAS: 123-86-4             | n-butyl acetate                                                                                                                                                                         | 1-7.5% |
| EINECS: 204-658-1         | ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336, EUH066                                                                                                                                         |        |
| Reg.nr.: 01-2119485493-29 |                                                                                                                                                                                         |        |
| CAS: 108-65-6             | 2-methoxy-1-methylethyl acetate                                                                                                                                                         | 1-7.5% |
| EINECS: 203-603-9         | ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336                                                                                                                                                 |        |
| Reg.nr.: 01-2119475791-29 |                                                                                                                                                                                         |        |

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|                           |                                                              |         |
|---------------------------|--------------------------------------------------------------|---------|
| CAS: 7779-90-0            | trizinc bis(orthophosphate)                                  | 1-<2.5% |
| EINECS: 231-944-3         | ⚠ Aquatic Acute 1, H400 (M=1); Aquatic Chronic 1, H410 (M=1) |         |
| Reg.nr.: 01-2119485044-40 |                                                              |         |

|                           |                                                              |         |
|---------------------------|--------------------------------------------------------------|---------|
| CAS: 1314-13-2            | zinc oxide                                                   | 0.1-<1% |
| EINECS: 215-222-5         | ⚠ Aquatic Acute 1, H400 (M=1); Aquatic Chronic 1, H410 (M=1) |         |
| Reg.nr.: 01-2119463881-32 |                                                              |         |

**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

|                                                                                       |                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information:</b>                                                           | Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.<br>Immediately remove any clothing soiled by the product.<br>In case of irregular breathing or respiratory arrest provide artificial respiration.<br>Take affected persons out of danger area and lay down. |
| <b>After inhalation:</b>                                                              | Supply fresh air and to be sure call for a doctor.<br>In case of unconsciousness place patient stably in side position for transportation.                                                                                                                                                                                                    |
| <b>After skin contact:</b>                                                            | Immediately wash with water and soap and rinse thoroughly.<br>If skin irritation continues, consult a doctor.                                                                                                                                                                                                                                 |
| <b>After eye contact:</b>                                                             | Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.                                                                                                                                                                                                                                              |
| <b>After swallowing:</b>                                                              | Do not induce vomiting; call for medical help immediately.                                                                                                                                                                                                                                                                                    |
| <b>4.2 Most important symptoms and effects, both acute and delayed</b>                | No further relevant information available.                                                                                                                                                                                                                                                                                                    |
| <b>4.3 Indication of any immediate medical attention and special treatment needed</b> | 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.  
Use fire extinguishing methods suitable to surrounding conditions.

**For safety reasons unsuitable extinguishing agents:** Water with full jet

**5.2 Special hazards arising from the substance or mixture**  
Can form explosive gas-air mixtures.  
Formation of toxic gases is possible during heating or in case of fire.  
Carbon monoxide and carbon dioxide

#### 5.3 Advice for firefighters

**Protective equipment:** Wear self-contained respiratory protective device.  
Do not inhale explosion gases or combustion gases.  
**Additional information** Cool endangered receptacles with water spray.  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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Collect contaminated fire fighting water separately. It must not enter the sewage system.

## SECTION 6: Accidental release measures

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

Mount respiratory protective device.  
Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation  
Keep away from ignition sources.  
Avoid contact with the eyes and skin.

### 6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.  
Inform respective authorities in case of seepage into water course or sewage system.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Do not flush with water or aqueous cleansing agents.  
Dispose of the material collected according to regulations.

### 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

Ensure good ventilation/exhaustion at the workplace.  
Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the eyes and skin.  
Do not eat, drink, smoke or sniff while working.  
Do not allow to enter sewers/ surface or ground water.

### Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.  
Keep respiratory protective device available.  
Fumes can combine with air to form an explosive mixture.

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

#### Storage:

#### Requirements to be met by

#### storerooms and receptacles:

Store only in the original receptacle.

#### Information about storage in one common storage facility:

Store away from foodstuffs.  
Store away from oxidising agents.

#### Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.  
Store receptacle in a well ventilated area.

### 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 ethylbenzene and m-xylene and p-xylene**

WEL (Great Britain) Short-term value: 441 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 220 mg/m<sup>3</sup>, 50 ppm  
Sk; BMGV

IOELV (EU) Short-term value: 442 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 221 mg/m<sup>3</sup>, 50 ppm  
Skin

##### **1330-20-7 xylene**

WEL (Great Britain) Short-term value: 441 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 220 mg/m<sup>3</sup>, 50 ppm  
Sk; BMGV

IOELV (EU) Short-term value: 442 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 221 mg/m<sup>3</sup>, 50 ppm  
Skin

##### **123-86-4 n-butyl acetate**

WEL (Great Britain) Short-term value: 966 mg/m<sup>3</sup>, 200 ppm  
Long-term value: 724 mg/m<sup>3</sup>, 150 ppm

IOELV (EU) Short-term value: 723 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 241 mg/m<sup>3</sup>, 50 ppm

##### **108-65-6 2-methoxy-1-methylethyl acetate**

WEL (Great Britain) Short-term value: 548 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 274 mg/m<sup>3</sup>, 50 ppm  
Sk

IOELV (EU) Short-term value: 550 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 275 mg/m<sup>3</sup>, 50 ppm  
Skin

**Regulatory information** WEL (Great Britain): EH40/2020  
IOELV (EU): (EU) 2019/1831

### **DNELs**

#### **Reaction mass of ethylbenzene and m-xylene and p-xylene**

Dermal DNEL 212 mg/kg bw/day (long-term - systemic effects, workers)

Inhalative DNEL 442 mg/m<sup>3</sup> (acute - systemic effects, workers)

442 mg/m<sup>3</sup> (acute - local effects, workers)

221 mg/m<sup>3</sup> (long-term - systemic effects, workers)

221 mg/m<sup>3</sup> (long-term - local effects, workers)

#### **1330-20-7 xylene**

Dermal DNEL 212 mg/kg bw/day (long-term - systemic effects, workers)

Inhalative DNEL 442 mg/m<sup>3</sup> (acute - systemic effects, workers)

442 mg/m<sup>3</sup> (acute - local effects, workers)

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221 mg/m<sup>3</sup> (long-term - systemic effects, workers)221 mg/m<sup>3</sup> (long-term - local effects, workers)**123-86-4 n-butyl acetate**

Dermal DNEL 7 mg/kg bw/day (long-term - systemic effects, workers)

Inhalative DNEL 960 mg/m<sup>3</sup> (acute - systemic effects, workers)960 mg/m<sup>3</sup> (acute - local effects, workers)480 mg/m<sup>3</sup> (long-term - systemic effects, workers)480 mg/m<sup>3</sup> (long-term - local effects, workers)**108-65-6 2-methoxy-1-methylethyl acetate**

Dermal DNEL 153.5 mg/kg bw/day (long-term - systemic effects, workers)

Inhalative DNEL 275 mg/m<sup>3</sup> (long-term - systemic effects, workers)**7779-90-0 trizinc bis(orthophosphate)**

Dermal DNEL 83 mg/kg bw/day (long-term - systemic effects, workers)

Inhalative DNEL 1 mg/m<sup>3</sup> (long-term - systemic effects, workers)**1314-13-2 zinc oxide**

Dermal DNEL 83 mg/kg bw/day (long-term - systemic effects, workers)

Inhalative DNEL 5 mg/m<sup>3</sup> (long-term - systemic effects, workers)

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**PNECs****Reaction mass of ethylbenzene and m-xylene and p-xylene**

PNEC 6.58 mg/l (sewage treatment plants)

PNEC 12.46 mg/kg (freshwater sediment environment)

12.46 mg/kg (marine sediment environment)

PNEC 327 µg/l (freshwater environment)

327 µg/l (marine environment)

327 µg/l (intermittent releases)

**1330-20-7 xylene**

PNEC 0.327 mg/l (freshwater environment)

0.327 mg/l (marine environment)

PNEC 12.46 mg/kg (freshwater sediment environment)

12.46 mg/kg (marine sediment environment)

**123-86-4 n-butyl acetate**

PNEC 0.18 mg/l (freshwater environment)

0.018 mg/l (marine environment)

0.36 mg/l (intermittent releases)

35.6 mg/l (sewage treatment plants)

PNEC 0.981 mg/kg (freshwater sediment environment)

**108-65-6 2-methoxy-1-methylethyl acetate**

PNEC 0.635 mg/l (freshwater environment)

0.0635 mg/l (marine environment)

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6.35 mg/l (intermittent releases)

100 mg/l (sewage treatment plants)

PNEC 3.29 mg/kg (freshwater sediment environment)

0.329 mg/kg (marine sediment environment)

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

PNEC 235.6 mg/kg (freshwater sediment environment)

113 mg/kg (marine sediment environment)

**1314-13-2 zinc oxide**

PNEC 0.0206 mg/l (freshwater environment)

0.0061 mg/l (marine environment)

0.1 mg/l (sewage treatment plants)

PNEC 117.8 mg/kg (freshwater sediment environment)

56.5 mg/kg (marine sediment environment)

35.6 mg/kg (soil)

**Ingredients with biological limit values:**
**Reaction mass of ethylbenzene and m-xylene and p-xylene**

BMGV (Great Britain) 650 mmol/mol creatinine

Medium: urine

Sampling time: post shift

Parameter: methyl hippuric acid

**1330-20-7 xylene**

BMGV (Great Britain) 650 mmol/mol creatinine

Medium: urine

Sampling time: post shift

Parameter: methyl hippuric acid

**Regulatory information** BMGV (Great Britain): EH40/2020

**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:**

Ensure good ventilation/exhaustion at the workplace.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Keep ignition sources away - Do not smoke.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Do not eat or drink while working.

**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. A2/P2 filter (EN 14387)

**Hand protection** Protective gloves

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|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Material of gloves</b>                 | <p>Check the permeability prior to each renewed use of the glove.<br/>The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.<br/>When choosing protective gloves, the breakthrough time, rate of penetration and degradation (EN 374) should be taken into account.<br/>Recommended material thickness: <math>\geq 0.7</math> mm<br/>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.</p> |
| <b>Penetration time of glove material</b> | <p>Permeation level and breakthrough time: level 6 <math>\geq 480</math> min.<br/>The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Eye/face protection</b>                | Tightly sealed goggles (EN 166 / EN 170)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Body protection:</b>                   | Protective work clothing (EN 14325)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

### SECTION 9: Physical and chemical properties

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

##### General Information

|                                                                 |                                   |
|-----------------------------------------------------------------|-----------------------------------|
| <b>Physical state</b>                                           | Liquid                            |
| <b>Colour:</b>                                                  | White                             |
| <b>Odour:</b>                                                   | Characteristic                    |
| <b>Odour threshold:</b>                                         | Not determined                    |
| <b>Melting point/freezing point:</b>                            | Undetermined                      |
| <b>Boiling point or initial boiling point and boiling range</b> | Undetermined                      |
| <b>Flammability</b>                                             | Flammable.                        |
| <b>Lower and upper explosion limit</b>                          |                                   |
| <b>Lower:</b>                                                   | 1 Vol %                           |
| <b>Upper:</b>                                                   | 15 Vol %                          |
| <b>Flash point:</b>                                             | $>23$ °C                          |
| <b>Decomposition temperature:</b>                               | Not determined                    |
| <b>pH</b>                                                       | Not applicable                    |
| <b>Viscosity:</b>                                               |                                   |
| <b>Kinematic viscosity</b>                                      | Not determined                    |
| <b>Dynamic:</b>                                                 | Not determined                    |
| <b>Solubility</b>                                               |                                   |
| <b>water:</b>                                                   | Not miscible or difficult to mix. |
| <b>Partition coefficient n-octanol/water (log value)</b>        | Not determined                    |
| <b>Vapour pressure at 20 °C:</b>                                | 10.7 hPa                          |
| <b>Density and/or relative density</b>                          |                                   |
| <b>Density at 20 °C:</b>                                        | 1.58-1.62 g/cm <sup>3</sup>       |
| <b>Vapour density</b>                                           | Not determined                    |

#### 9.2 Other information

|                                                                                      |                                                                                              |
|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>Appearance:</b>                                                                   |                                                                                              |
| <b>Form:</b>                                                                         | Highly viscous                                                                               |
| <b>Important information on protection of health and environment, and on safety.</b> |                                                                                              |
| <b>Ignition temperature:</b>                                                         | Not determined                                                                               |
| <b>Explosive properties:</b>                                                         | Product is not explosive. However, formation of explosive air/ vapour mixtures are possible. |

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**Change in condition**
**Evaporation rate**

Not determined

**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 decomposition if used according to specifications.

**10.2 Chemical stability**

No decomposition if used and stored according to specifications.

**10.3 Possibility of hazardous reactions**

Reacts with alkali, amines and strong acids.

Reacts with oxidising agents.

Fumes can combine with air to form an explosive mixture.

**10.4 Conditions to avoid**

Protect from heat and direct sunlight.

**10.5 Incompatible materials:**

No further relevant information available.

**10.6 Hazardous decomposition products:**

Carbon monoxide and carbon dioxide

Formation of toxic gases is possible during heating or in case of fire.

### \* 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 ethylbenzene and m-xylene and p-xylene**

Dermal LD50 1,100 mg/kg (ATE)

Inhalative ATE 1.5 ATE

**1330-20-7 xylene**

Dermal LD50 1,100 mg/kg (ATE)

Inhalative ATE 1.5 mg/l (dust/ mist)

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### 123-86-4 n-butyl acetate

Oral LD50 10,760 mg/kg (rat)  
Dermal LD50 >14,000 mg/kg (rabbit)  
Inhalative LC50/4 h 23.4 mg/l (rat)

### 108-65-6 2-methoxy-1-methylethyl acetate

Oral LD50 >5,000 mg/kg (rat)  
Dermal LD50 >5,000 mg/kg (rabbit)  
Inhalative LC50/6 h 4,345 mg/l (rat)

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

Oral LD50 >5,000 mg/kg (rat)

### 1314-13-2 zinc oxide

Oral LD50 >5,000 mg/kg (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** Based on available data, the classification criteria are not met.

**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 ethylbenzene and m-xylene and p-xylene

LC50/72 h 2.6-8.4 mg/l (fish)

LC50/96h 3,300-4,093 µg/l (Oncorhynchus mykiss)

##### 1330-20-7 xylene

LC50/96 h 2.6 mg/l (Oncorhynchus mykiss) (OECD 203)

EC50/3 h >157 mg/l (microorganisms)

EC50/48 h >3.4 mg/l (Ceriodaphnia dubia) (OECD 202)

EC50/73h 2.2 mg/l (algae) (OECD 201)

##### 123-86-4 n-butyl acetate

LC50/96 h 18 mg/l (fish)

TT/16 h 115 mg/l (microorganisms)

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EC50/48 h 44 mg/l (daphnia)

EC50/72 h 675 mg/l (algae)

**108-65-6 2-methoxy-1-methylethyl acetate**

LC50/96 h &gt;100 mg/l (fish)

EC50/48 h &gt;500 mg/l (Daphnia magna)

EC20/30 min &gt;1,000 mg/l (microorganisms)

EC50/72 h &gt;1,000 mg/l (algae)

EC50 &gt;100 mg/l (algae)

&gt;100 mg/l (fish)

&gt;100 mg/l (Daphnia magna)

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

EC50/3 h 5.2 mg/l (microorganisms)

EC50/48 h &gt;2.34 mg/l (Daphnia magna)

**1314-13-2 zinc oxide**

LC50/96 h 4.92 mg/l (fish)

EC50/72 h 0.042 mg/l (algae)

EC50/24 h 9.4 mg/l (microorganisms)

LC50/48 h 1.55 mg/l (Daphnia magna)

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**12.2 Persistence and degradability**

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**Reaction mass of ethylbenzene and m-xylene and p-xylene**

Biodegradation 75 % (readily biodegradable)

**1330-20-7 xylene**

Biodegradation &gt;60 % (readily biodegradable)

**123-86-4 n-butyl acetate**

Biodegradation 83 % (readily biodegradable) (OECD 301 D, 28 d, aerobic)

**108-65-6 2-methoxy-1-methylethyl acetate**

Biodegradation 100 % (readily biodegradable) (OECD 302 B, 8 d, aerobic)

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**12.3 Bioaccumulative potential**

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**1330-20-7 xylene**

BCF 25.9

log Kow &lt;3.2

**123-86-4 n-butyl acetate**

BCF 15.3 (-)

log Pow 2.3

**108-65-6 2-methoxy-1-methylethyl acetate**

log Pow 0.56

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### 12.4 Mobility in soil

**123-86-4 n-butyl acetate**

log Koc 1.27

**108-65-6 2-methoxy-1-methylethyl acetate**

Koc 1.7

### 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

#### Additional ecological information:

**General notes:** Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.  
Harmful to aquatic organisms

## 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 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

IMDG, IATA PAINT

### 14.3 Transport hazard class(es)

ADR, IMDG, IATA


**Class** 3

**Label** 3

### 14.4 Packing group

ADR, IMDG, IATA III

**14.5 Environmental hazards:** Not applicable

**Marine pollutant (IMDG):** Yes

**14.6 Special precautions for user** Warning: Flammable liquids.

**Hazard identification number (Kemler code):** 30

**EMS Number:** F-E, S-E

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**Stowage Category** A  
**14.7 Maritime transport in bulk according to IMO instruments** Not applicable

### Transport/Additional information:

**ADR**  
**Limited quantities (LQ)** 5L  
**Transport category** 3  
**Tunnel restriction code** D/E

**IMDG**  
**Limited quantities (LQ)** 5L  
**UN "Model Regulation":** UN 1263 PAINT, 3, III

## \* SECTION 15: Regulatory information

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

None of the ingredients is listed.

**Regulated poisons**

None of the ingredients is listed.

**Reportable explosives precursors**

None of the ingredients is listed.

**Reportable poisons**

None of the ingredients is listed.

### Directive 2012/18/EU

**Named dangerous substances - ANNEX I**

None of the ingredients is listed.

**Seveso category**

P5c FLAMMABLE LIQUIDS

**Qualifying quantity (tonnes) for the application of lower-tier requirements**

5,000 t

**Qualifying quantity (tonnes) for the application of upper-tier requirements**

50,000 t

**REGULATION (EC) No 1907/2006 ANNEX XVII**

Conditions of restriction: 3,78

**Additional information on Entry 78**

The estimated overall proportion of microplastics in the mixture is approx. 0.1-1 %  
It is recommended to clean equipment and surfaces mechanically after use, e.g. cleaning cloths, collect residues as solid waste  
Collect cleaning solvents separately and dispose of them in accordance with regulations, do not discharge them into the sewer system.  
Collect product residues and contaminated packaging in closed containers do not rinse dispose of in accordance with legal requirements  
Prevent SMP from entering the environment; avoid release to soil, sewage, or surface water. Follow the instructions for storage, handling, and disposal provided in sections 6, 7, 8, and 13 of the safety data sheet.

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**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

**REGULATION (EU) 2019/1148**

**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

**National regulations:**

**Information about limitation of use:**

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

**15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

**\* SECTION 16: Other information**

The above information is based on currently available data characterising the product. They do not constitute a guarantee or quality specification. It should be regarded as a guideline for safe use, storage, transport, disposal in case of release into the environment. It is the responsibility of the user to create conditions for the safe use of the product and the user accepts responsibility for any consequences resulting from improper use of this product.

**Relevant phrases**

H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H400 Very toxic to aquatic life.  
H410 Very 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.

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**Classification according to Regulation (EC) No 1272/2008***Flammable liquids**Bridging principles**Skin corrosion/irritation**Serious eye damage/irritation**Specific target organ toxicity (repeated exposure)**Hazardous to the aquatic environment - long-term (chronic)  
aquatic hazard**The classification of the mixture is generally based on the  
calculation method using substance data according to  
Regulation (EC) No 1272/2008.***Version number of previous****version:**

3.0

**Abbreviations and acronyms:**

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 number assigned to the chemical in the Chemical Abstracts Service list  
DNEL: Derived No-Effect Level  
PNEC: Predicted No-Effect Concentration  
LC50: median lethal concentration  
LD50: lethal dose 50%  
PBT: persistent, bioaccumulative and toxic  
vPvB: very persistent and very bioaccumulative  
ATE: Acute toxicity estimate values  
Flam. Liq. 3: Flammable liquid substance. Hazard category 3  
Acute Tox. 4: Acute toxicity. Hazard category 4  
Skin Irrit. 2: Skin corrosion/irritation. Hazard category 2  
Eye Irrit. 2: Serious eye damage/eye irritation. Hazard category 2  
STOT SE 3: Toxic effects on target organs - single exposure. Hazard category 3  
STOT RE 2: Toxic effects on target organs - repeated exposure. Hazard category 2  
Asp. Tox. 1: Aspiration hazard. Hazard category 1  
Aquatic Acute 1: Presenting a hazard to the aquatic environment - acute hazard, Category 1  
Aquatic Chronic 1: Presenting a hazard to the aquatic environment. Chronic hazard, Category 1  
Aquatic Chronic 3: Presenting a hazard to the aquatic environment. Chronic hazard, Category 3

**Sources**European Chemicals Agency, <http://echa.europa.eu/>

**\* Data compared to the previous  
version altered.**