

# SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: 1072 HT Paint Spray

Creation date: 26.02.2013, Revision: 20.03.2024, Version: 4.1

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

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### 1.1 Product identifier

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**Product name**

1072 HT Paint Spray

**UFI:**

V1Y2-60E8-N00J-Y9G9



<https://my.chemius.net/p/oZzCiJ/en/pd/en>

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

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**Relevant identified uses**

Paint.

**Uses advised against**

No information.

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

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**Supplier**

SILCO, D.O.O.  
Šentrupert 5 a  
3303 Gomilsko, Slovenia  
+386 3 703 3180  
msds@silco.si

### 1.4 Emergency Telephone Number

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**Emergency**

112

**Supplier**

+386 3 703 3180

## Section 2: Hazards identification

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### 2.1 Classification of the substance or mixture

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

Aerosol 1; H222 Extremely flammable aerosol.  
Aerosol 1; H229 Pressurised container: May burst if heated.  
Asp. Tox. 1; H304 May be fatal if swallowed and enters airways.  
Skin Irrit. 2; H315 Causes skin irritation.  
Eye Irrit. 2; H319 Causes serious eye irritation.  
STOT SE 3; H336 May cause drowsiness or dizziness.

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***silco***<sup>®</sup>

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STOT RE 2; H373 May cause damage to organs through prolonged or repeated exposure.  
Aquatic Chronic 3; H412 Harmful to aquatic life with long lasting effects.

## 2.2 Label elements

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



**Signal word: DANGER**

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

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

H412 Harmful to aquatic life with long lasting effects.

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.

P273 Avoid release to the environment.

P301 + P310 + P331 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. Do NOT induce vomiting.

P302 + P352 + P362 + P364 IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER/doctor if you feel unwell.

P314 Get medical advice/attention if you feel unwell.

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

P501 Dispose of contents/container in accordance with national regulation.

**Contains:**

acetone

xylene

## 2.3 Other hazards

**PBT/vPvB**

No information.

**Endocrine disrupting properties**

The product does not contain substances with the potential for endocrine disorders.

**Additional information**

No information.

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## Section 3: Composition/information on ingredients

### 3.1 Substances

For mixtures see 3.2.

### 3.2 Mixtures

Name	CAS EC Index Reach	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits
<b>aceto ne</b>	67-64-1 200-662-2 606-001-00-8 01-2119471330-49	25-50	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066	/
<b>isobu tane</b>	75-28-5 200-857-2 601-004-00-0 01-2119485395-27	10-25	Flam. Gas 1; H220 Press. Gas (Liq.); H280	/
<b>propa ne</b>	74-98-6 200-827-9 601-003-00-5 01-2119486944-21	2,5-10	Flam. Gas 1; H220 Press. Gas (Liq.); H280	/
<b>Arom atic hydro carbo ns, C8</b>	- 905-570-2 - 01-2119486136-34	<10	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Acute Tox. 4; H312 Skin Irrit. 2; H315 Acute Tox. 4; H332	/
<b>reacti on mass of ethyl benz ene, m- xylene and p- xylene</b>	- 905-562-9 - 01-2119555267-33	<10	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Acute Tox. 4; H332 STOT SE 3; H335 STOT RE 2; H373	/

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Name	CAS EC Index Reach	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits
<b>xylene</b>	1330-20-7 215-535-7 601-022-00-9 01-2119488216-32	<10	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Acute Tox. 4; H332 STOT SE 3; H335 STOT RE 2; H373 Aquatic Chronic 3; H412	/
<b>Hydrocarbons, C9, aromatics</b>	- 918-668-5 - 01-2119455851-35	2,5-10	Flam. Liq. 3; H226 Asp. Tox. 1; H304 STOT SE 3; H335 STOT SE 3; H336 Aquatic Chronic 2; H411	/
<b>n-butyl acetate</b>	123-86-4 204-658-1 607-025-00-1 01-2119485493-29	2,5-10	Flam. Liq. 3; H226 STOT SE 3; H336 EUH066	/
<b>xylene</b>	1330-20-7 215-535-7 601-022-00-9	2,5-10	Flam. Liq. 3; H226 Acute Tox. 4; H312 Skin Irrit. 2; H315 Acute Tox. 4; H332	/
<b>ethyl benzene</b>	100-41-4 202-849-4 601-023-00-4	<2,5	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Acute Tox. 4; H332 STOT RE 2; H373	/

## Notes for substances

**C** Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers.

In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

**S** This substance may not require a label according to Article 17 (see Section 1.3 of Annex I) (Table 3).

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- U** When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case. The following codes are assigned:  
Press. Gas (Comp.)  
Press. Gas (Liq.)  
Press. Gas (Ref. Liq.)  
Press. Gas (Diss.)  
Aerosols shall not be classified as gases under pressure (See Annex I, Part 2, Section 2.3.2.1, Note 2).
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## Product description

Hydrocarbons with a propellant.

## Section 4: First aid measures

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### 4.1 Description of first aid measures

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#### General notes

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency. No action shall be taken involving any personal risk or without suitable training.

#### Following inhalation

If symptoms occur, seek medical advice. Remove patient to fresh air - move out of dangerous area. Keep at rest in a position comfortable for breathing. If breathing is irregular or respiratory arrest occurs provide artificial respiration. In case of unconsciousness bring patient into stable side position and seek medical attention.

#### Following skin contact

Take off all contaminated clothing. Wash affected skin areas immediately with plenty of water and soap. If symptoms develop and persist, seek medical attention. Wash contaminated clothes and shoes before reuse.

#### Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. If irritation persists, seek professional medical attention.

#### Following ingestion

Not likely. Accidental ingestion: Do not induce vomiting! Immediately consult a doctor. Show the physician the safety data sheet or label. Never give anything by mouth to an unconscious person.

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

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#### Following inhalation

Vapours may cause drowsiness and dizziness. Excessive exposure to spray mist, fog, or vapours may cause respiratory irritation. Coughing, sneezing, nasal discharge, labored breathing.

#### Following skin contact

Irritating to the skin. Itching, redness, pain.

#### Following eye contact

Strongly irritates the eyes. Redness, tearing, pain.

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## **Following ingestion**

Ingestion is unlikely because it is an aerosol. Accidental ingestion: May cause nausea/vomiting and diarrhea. May be fatal if swallowed and enters airways.

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

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Treat symptomatically.

## **Section 5: Firefighting measures**

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### **5.1 Extinguishing media**

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#### **Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### **Unsuitable extinguishing media**

Full water jet.

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

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#### **Hazardous combustion products**

In case of a fire toxic gases can be generated; do not inhale gases/smoke. In the event of fire the following can be generated: carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>).

### **5.3 Advice for firefighters**

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#### **Protective actions**

In case of fire or heating do not breathe fumes/vapours. Cool containers at risk with water spray. If possible remove containers from endangered area. In case of fire aerosols can explode and be propelled to considerable distances in different directions.

#### **Special protective equipment for fire-fighters**

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves)(EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (EN 137).

#### **Additional information**

Contaminated firefighting water must be disposed of in accordance with the regulations; do not allow to reach the sewage system.

## **Section 6: ACCIDENTAL RELEASE MEASURES**

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

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#### **For non-emergency personnel**

##### **Protective equipment**

Use personal protective equipment (Section 8).

##### **Precautionary measures**

Ensure adequate ventilation. Keep away from sources of ignition and/or heat; No smoking!

##### **Emergency procedures**

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Prevent access to unauthorised personnel. Prevent access to unprotected personnel. Avoid contact with skin and eyes. Do not breathe vapour or mist.

#### **For emergency responders**

Use personal protective equipment.

## **6.2 Environmental precautions**

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Do not allow product to reach water/drains/sewage systems or permeable soil. If accidental large entry into water or ground occurs, inform responsible authorities.

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

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#### **For containment**

Stem the spill if this does not pose risks.

#### **For cleaning up**

Collect the spray cans and hand them over to an authorized waste disposal contractor. Release of liquid because of damaged aerosol can (release of large quantities): Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor. Do not absorb spillage with sawdust or other combustible material. Dispose in accordance with applicable regulations (see Section 13). Clean residue from spill site.

#### **Other information**

See Section 7: safe handling.

## **6.4 Reference to other sections**

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See also sections 8 and 13.

# **Section 7: Handling and storage**

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## **7.1 Precautions for safe handling**

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#### **Protective measures**

##### **Measures to prevent fire**

Ensure adequate ventilation. Take precautionary measures against static discharges. Keep away from sources of ignition - no smoking. Use spark-proof tools. Pressurized container; protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or incandescent material.

##### **Measures to prevent aerosol and dust generation**

Use general or local exhaust ventilation to prevent inhaling vapours and aerosols.

##### **Measures to protect the environment**

Avoid release to the environment.

##### **Other measures**

No information.

##### **Advice on general occupational hygiene**

Wear suitable protective equipment; see Section 8. Refer to instructions on label and regulations for safety and health at work. Use good personal hygiene practices - wash hands at breaks and when done working with material. Avoid contact with skin, eyes and clothes. Do not eat, drink or smoke while working. Do not breathe vapours/mist. Consider measures required in Section 8 of this safety data sheet.

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## 7.2 Conditions for safe storage, including any incompatibilities

### Technical measures and storage conditions

Store in accordance with local regulations. Keep in well closed containers. Keep in cool and well ventilated area. Protect from open fire, heat and direct sunlight. Keep away from sources of ignition. Keep away from oxidising substances. Keep away from food, drink and animal feeding stuffs.

### Packaging materials

The original container of producer.

### Requirements for storage rooms and vessels

Do not store in unlabelled containers.

### Storage temperature

No information.

### Storage class

No information.

### Further information on storage conditions

No information.

## 7.3 Specific end use(s)

### Recommendations

No information.

### Industrial sector specific solutions

No information.

## Section 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure limit values

Name	mg/m <sup>3</sup>	ml/m <sup>3</sup>	Short-term value mg/m <sup>3</sup>	Short-term value ml/m <sup>3</sup>	Remark	Biological Tolerance Values
Aromatics	500	/	/	/	/	/
Ethylbenzene (100-41-4)	441	100	552	125	Sk	/
Xylene, o-,m-,p- or mixed isomers (1330-20-7)	220	50	441	100	Sk, BMGV	650 mmol methyl hippuric acid/mol creatinine in urine - Post shift



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Name	mg/m <sup>3</sup>	ml/m <sup>3</sup>	Short-term value mg/m <sup>3</sup>	Short-term value ml/m <sup>3</sup>	Remark	Biological Tolerance Values
<b>Acetone (67-64-1)</b>	1210	500	3620	1500	/	/
<b>Butyl acetate (123-86-4)</b>	724	150	966	200	/	/

## Information on monitoring procedures

BS EN 14042:2003 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values. BS EN 482:2021 Workplace exposure. Procedures for the determination of the concentration of chemical agents. Basic performance requirements.

## DNEL/DMEL values

### For product

No information.

### For components

Name	Type	Exposure route	exp. frequency	Remark	value
<b>acetone</b>	Worker	dermal	long term systemic effects	/	186 mg/kg bw/day
<b>acetone</b>	Worker	inhalation	short term local effects	/	2420 mg/m <sup>3</sup>
<b>acetone</b>	Worker	inhalation	long term systemic effects	/	1210 mg/m <sup>3</sup>
<b>acetone</b>	Consumer	oral	long term systemic effects	/	62 mg/kg bw/day
<b>acetone</b>	Consumer	dermal	long term systemic effects	/	62 mg/kg bw/day
<b>acetone</b>	Consumer	inhalation	long term systemic effects	/	200 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Worker	inhalation	long term systemic effects	/	300 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Consumer	inhalation	long term systemic effects	/	35.7 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Worker	inhalation	short term systemic effects	/	600 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Consumer	inhalation	short term systemic effects	/	300 mg/m <sup>3</sup>

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Name	Type	Exposure route	exp. frequency	Remark	value
<b>n-butyl acetate</b>	Worker	inhalation	short term local effects	/	600 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Worker	inhalation	long term local effects	/	300 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Consumer	inhalation	short term local effects	/	300 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Consumer	inhalation	long term local effects	/	35.7 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Worker	dermal	long term systemic effects	/	11 mg/kg bw/day
<b>n-butyl acetate</b>	Worker	dermal	short term systemic effects	/	11 mg/kg bw/day
<b>n-butyl acetate</b>	Consumer	dermal	long term systemic effects	/	6 mg/kg bw/day
<b>n-butyl acetate</b>	Consumer	dermal	short term systemic effects	/	6 mg/kg bw/day
<b>n-butyl acetate</b>	Consumer	oral	long term systemic effects	/	2 mg/kg bw/day
<b>n-butyl acetate</b>	Consumer	oral	short term systemic effects	/	2 mg/kg bw/day

## PNEC values

### For product

No information.

### For components

Name	Exposure route	Remark	value
<b>acetone</b>	marine water	/	1.06 mg/L
<b>acetone</b>	fresh water	/	10.6 mg/L
<b>acetone</b>	fresh water sediment	dry weight	30.4 mg/kg
<b>acetone</b>	marine water sediment	dry weight	3.04 mg/kg
<b>acetone</b>	soil	dry weight	29.5 mg/kg
<b>acetone</b>	water treatment plant	/	100 mg/L
<b>acetone</b>	water, intermittent release	/	21 mg/L
<b>n-butyl acetate</b>	fresh water	/	0.18 mg/L
<b>n-butyl acetate</b>	soil	dry weight	0.09 mg/kg
<b>n-butyl acetate</b>	marine water	/	0.018 mg/L
<b>n-butyl acetate</b>	water, intermittent release	/	0.36 mg/L
<b>n-butyl acetate</b>	fresh water sediment	dry weight	0.981 mg/kg

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Name	Exposure route	Remark	value
<b>n-butyl acetate</b>	marine water sediment	dry weight	0.098 mg/kg
<b>n-butyl acetate</b>	water treatment plant	/	35.6 mg/L

## 8.2 Exposure controls

### Appropriate engineering control

#### Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Avoid contact with skin, eyes and clothes. Do not breathe vapours/aerosols. Keep away from foodstuffs, beverages and feed. Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation.

#### Structural measures to prevent exposure

No information.

#### Organisational measures to prevent exposure

If this product contains ingredients with exposure limits, personal, workplace atmosphere monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protection.

#### Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration.

#### Personal protective equipment

##### Eye and face protection

Safety glasses with side protection (BS EN ISO 16321-1:2022).

##### Hand protection

Protective gloves (EN ISO 374-1:2016).

##### Appropriate materials

##### Skin protection

Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345).

##### Respiratory protection

In case of insufficient ventilation wear suitable respiratory protection. If the concentration limit values are exceeded, it is necessary to wear appropriate respiratory protection. Wear suitable protective breathing mask (EN 136) with filter A2-P2 (EN 14387).

##### Thermal hazards

No information.

##### Environmental exposure controls

#### Substance/mixture related measures to prevent exposure

No information.

#### Instruction measures to prevent exposure

No information.

#### Organisational measures to prevent exposure

No information.

#### Technical measures to prevent exposure

Prevent release into the environment.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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## 9.1 Information on basic physical and chemical properties

### Important health, safety and environmental information

Physical state	liquid
Shape	aerosol
Colour	black silver
Odour	No information.
Odour threshold	No information.
Melting/freezing point or softening point	No information.
Boiling point or initial boiling point and boiling range	No information.
Flammability (solid, gas)	No information.
Explosion limits (vol%)	1.5 – 10.9 % v/v (propellant) 2.1 – 13 % v/v (acetone)
Flash point	No information.
Auto-ignition temperature	No information.
Decomposition temperature	No information.
pH	substance/mixture is non-polar/aprotic
Viscosity	No information.
Solubility	No information.
Partition coefficient n-octanol/water (log value)	No information.
Vapour pressure	8 hPa at 20 °C
Density	0.9607 – 0.962 g/cm <sup>3</sup>
Relative vapour/gas density	No information.
Particle characteristics	No information.

## 9.2 Other information

### Information with regard to physical hazard classes

No information.

### Other safety characteristics

No information.

## Section 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under recommended transport or storage conditions.

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## 10.2 Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

## 10.3 Possibility of hazardous reactions

The product is stable under recommended storage and handling conditions.

## 10.4 Conditions to avoid

Avoid all possible sources of ignition (spark or flame). Do not expose to heat and direct sunlight.

## 10.5 Incompatible materials

Oxidants.

## 10.6 Hazardous decomposition products

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released.

## Section 11: Toxicological information

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

#### (a) Acute toxicity

##### For components

Name	Exposure route	Type	Species	Time	value	Method	Remark
<b>Hydrocarbons, C9, aromatics</b>	oral	LD <sub>50</sub>	rat	/	> 2000 mg/kg	/	/
<b>Hydrocarbons, C9, aromatics</b>	dermal	LD <sub>50</sub>	rat	/	> 2000 mg/kg	/	/
<b>xylene</b>	oral	LD <sub>50</sub>	/	/	2000 - 5000 mg/kg	/	/
<b>xylene</b>	inhalation	LC <sub>50</sub>	/	/	10 - 20 mg/l	/	/
<b>Aromatic hydrocarbons, C8</b>	oral	LD <sub>50</sub>	rat	/	3523 mg/kg	/	/

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Name	Exposure route	Type	Species	Time	value	Method	Remark
<b>Aromatic hydrocarbons, C8</b>	inhalation	/	/	/	/	/	Harmful if inhaled.
<b>Aromatic hydrocarbons, C8</b>	dermal	-	/	/	/	/	Harmful in contact with skin.
<b>acetone</b>	inhalation	LC <sub>50</sub>	rat	/	> 20 mg/l	/	/
<b>acetone</b>	dermal	LD <sub>50</sub>	rat	/	> 2000 mg/kg	/	/
<b>acetone</b>	oral	LD <sub>50</sub>	rat	/	> 2000 mg/kg	/	/
<b>n-butyl acetate</b>	oral	LD <sub>50</sub>	rat	/	13100 mg/kg	/	/
<b>n-butyl acetate</b>	dermal	LD <sub>50</sub>	rabbit	/	> 5000 mg/kg	/	/
<b>n-butyl acetate</b>	inhalation	LC <sub>50</sub>	rat	4 h	> 21 mg/l	/	/
<b>xylene</b>	oral	LD <sub>50</sub>	rat	/	4300 mg/kg	/	/
<b>xylene</b>	dermal	LD <sub>0</sub>	rabbit	/	2000 mg/kg	/	/
<b>xylene</b>	inhalation	LC <sub>50</sub>	rat	4 h	21.7 mg/l	/	/

## Additional information

The product is not classified as acutely toxic.

## (b) Skin corrosion/irritation

### For components

Name	Species	Time	result	Method	Remark
<b>acetone</b>	/	/	Prolonged and repeated contact can cause dermatitis.	/	/
<b>acetone</b>	/	/	Can cause mild irritation.	/	/

## Additional information

Causes skin irritation.

## (c) Serious eye damage/irritation

### For components

Name	Exposure route	Species	Time	result	Method	Remark
<b>acetone</b>	/	/	/	Irritating to eyes.	/	/
<b>acetone</b>	/	/	/	It causes inflammation of the conjunctiva.	/	/

## Additional information

Causes serious eye irritation.

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## (d) Respiratory or skin sensitisation

### For components

Name	Exposure route	Species	Time	result	Method	Remark
<b>acetone</b>	-	/	/	According to known data the substance is not a chemical sensitizer.	/	/

### Additional information

The product is not classified as sensitising.

## (e) (Germ cell) mutagenicity

### For components

Name	Type	Species	Time	result	Method	Remark
<b>xylene</b>	/	/	/	Non-mutagenic.	/	/
<b>Aromatic hydrocarbons, C8</b>	in-vivo mutagenicity	/	/	Negative.	/	/
<b>Aromatic hydrocarbons, C8</b>	in-vitro mutagenicity	/	/	Negative.	/	/
<b>acetone</b>	/	/	/	The chemical is not classified as mutagenic.	/	/

## (f) Carcinogenicity

### For components

Name	Exposure route	Type	Species	Time	value	result	Method	Remark
<b>xylene</b>	/	/	/	/	/	Limited evidence of carcinogenicity in animal studies.	/	/
<b>Aromatic hydrocarbons, C8</b>	/	/	/	/	/	Substance is not classified as carcinogenic.	/	/
<b>acetone</b>	/	/	/	/	/	Substance is not classified as carcinogenic.	/	/

## (g) Reproductive toxicity

### For components

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Name	Reproductive toxicity type	Type	Species	Time	value	result	Method	Remark
<b>xylene</b>	Teratogenicity	/	/	/	/	not teratogenic	/	/
<b>xylene</b>	Reproductive toxicity	/	/	/	/	Not toxic for reproduction.	/	/
<b>Aromatic hydrocarbons, C8</b>	Reproductive toxicity	/	/	/	/	Animal testing did not show any effects on fertility.	/	/
<b>acetone</b>		/	/	/	/	The chemical is not classified as toxic for reproduction.	/	/

## Summary of evaluation of the CMR properties

The product is not classified as carcinogenic, mutagenic or toxic for reproduction.

## (h) STOT-single exposure

### For components

Name	Exposure route	Type	Species	Time	Exposure	organ	value	result	Method	Rem
<b>reaction mass of ethyl benzene, m-xylene and p-xylene</b>	inhalation	-	/	/	/	/	/	May cause respiratory irritation.	/	/
<b>xylene</b>	inhalation	/	/	/	/	/	/	May cause respiratory irritation.	/	/
<b>Aromatic hydrocarbons, C8</b>	oral	-	/	/	/	/	/	May cause irritation of the digestive tract.	/	/



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Name	Exposure route	Type	Species	Time	Exposure	organ	value	result	Method	Remarks
<b>Aromatic hydrocarbons, C8</b>	inhalation	-	/	/	/	/	/	May cause respiratory irritation.	/	high concentrations
<b>Aromatic hydrocarbons, C8</b>	oral	-	/	/	/	/	/	May cause nausea/vomiting and diarrhea	/	/
<b>acetone</b>	inhalation (vapours)	-	/	/	/	/	/	Headache, dizziness.	/	/

## Additional information

May cause drowsiness or dizziness.

## (i) STOT-repeated exposure

### For components

Name	Exposure route	Type	Species	Time	Exposure	organ	value	result	Method	Remarks
<b>xylene</b>	/	/	/	/	/	/	/	May cause damage to organs through prolonged or repeated exposure.	/	/

## Additional information

May cause damage to organs through prolonged or repeated exposure.

## (j) Aspiration hazard

No information.

## Additional information

May be fatal if swallowed and enters airways.

## Symptoms related to the physical, chemical and toxicological characteristics

No information.

## Interactive effects

No information.

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## 11.2 Information on other hazards

### Endocrine disrupting properties

The product does not contain substances with the potential for endocrine disorders.

### Other information

No information.

## Section 12: Ecological information

### 12.1 Toxicity

#### Acute (short-term) toxicity

##### For components

Name	Type	value	Exposure time	Species	organism	Method	Remark
Hydrocarbons, C9, aromatics	LC <sub>50</sub>	1 - 10 mg/L	/	Daphnia	/	/	/
reaction mass of ethylbenzene, m-xylene and p-xylene	LC <sub>50</sub>	> 1.3 mg/L	/	fish	/	/	/
xylene	IC <sub>50</sub>	2.2 mg/L	72 h	algae	/	/	/
xylene	EC <sub>50</sub>	1 mg/L	48 h	crustacea	Daphnia magna	/	/
xylene	LC <sub>50</sub>	26.7 mg/L	96 h	fish	Pimephales promelas	/	/
xylene	LC <sub>50</sub>	16.9 mg/L	96 h	fish	Carassius auratus	/	/
xylene	LC <sub>50</sub>	20.9 mg/L	96 h	fish	Lepomis macrochirus	/	/
xylene	LC <sub>50</sub>	34.7 mg/L	96 h	fish	Poecilia reticulata	/	/
Aromatic hydrocarbons, C8	LC <sub>50</sub>	2.6 mg/L	96 h	fish	/	/	/

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Name	Type	value	Exposure time	Species	organism	Method	Remark
<b>Aromatic hydrocarbons, C8</b>	EC <sub>50</sub>	1 mg/L	48 h	crustacea	<i>Daphnia magna</i>	/	/
<b>Aromatic hydrocarbons, C8</b>	LC <sub>50</sub>	2.2 mg/L	72 h	algae	/	/	/
<b>acetone</b>	LC/EC/IC <sub>50</sub>	> 1000 mg/L	/	fish	/	/	/
<b>acetone</b>	LC/EC/IC <sub>50</sub>	> 1000 mg/L	/	invertebrates	/	/	/
<b>acetone</b>	LC/EC/IC <sub>50</sub>	> 1000 mg/L	/	algae	/	/	/
<b>acetone</b>	LC/EC/IC <sub>50</sub>	> 1000 mg/L	/	bacteria	/	/	/
<b>xylene</b>	EC <sub>50</sub>	165 mg/L	48 h	<i>Daphnia</i>	/	/	/

## Chronic (long-term) toxicity

### For components

Name	Type	value	Exposure time	Species	organism	Method	Remark
<b>xylene</b>	NOEC	> 1.3 mg/l	56 days	fish	/	/	/
<b>xylene</b>	NOEC	0.96 mg/l	7 days	aquatic invertebrates	<i>Daphnia</i>	/	/

## 12.2 Persistence and degradability

### Abiotic degradation, physical- and photo-chemical elimination

No information.

### Biodegradation

#### For components

Name	Type	Rate	Time	Evaluation	Method	Remark
<b>reaction mass of ethylbenzene, m-xylene and p-xylene</b>	BOD	57 - 80 g O <sub>2</sub> /g	/	/	/	/
<b>xylene</b>	biodegradability	/	/	readily biodegradable	/	/

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Name	Type	Rate	Time	Evaluation	Method	Remark
<b>Aromatic hydrocarbons, C8</b>	aerobic	/	/	biodegradable	/	/
<b>Aromatic hydrocarbons, C8</b>	anaerobic	/	/	biodegradable	/	/
<b>acetone</b>	biodegradability	/	/	biodegradable	/	/

## 12.3 Bioaccumulative potential

### Partition coefficient n-octanol/water (log value)

#### For components

Name	value	Temperature °C	pH	Concentration	Method
<b>Aromatic hydrocarbons, C8</b>	> 3	/	/	/	/

### Bioconcentration factor (BCF)

#### For components

Name	Species	organism	value	Duration	Evaluation	Method	Remark
<b>xylene</b>	BCF	/	25.9	/	Low bioaccumulation potential.	/	/
<b>Aromatic hydrocarbons, C8</b>	BCF	/	25.9	/	/	/	/

## 12.4 Mobility in soil

### Known or predicted distribution to environmental compartments

No information.

#### Surface tension

No information.

#### Adsorption/Desorption

No information.

## 12.5 Results of PBT and vPvB assessment

No evaluation.

## 12.6 Endocrine disrupting properties

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The product does not contain substances with the potential for endocrine disorders.

## 12.7 Other adverse effects

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No information.

## 12.8 Additional information

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### For product

Harmful to aquatic life with long lasting effects. Water hazard class 2 (self-assessment): hazardous for water. Avoid release to the environment.

### For components

#### **reaction mass of ethylbenzene, m-xylene and p-xylene**

Bioaccumulation is not expected.

#### **xylene**

Evaporates quickly. Partly soluble in water. Floats on the water. It absorbs into soil. Do not allow to reach ground water, water bodies or sewage systems.

#### **Aromatic hydrocarbons, C8**

Evaporates quickly. Not soluble in water. Floats on the water.

#### **acetone**

Volatile. Soluble in water. Low bioaccumulation potential.

## Section 13: Disposal considerations

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### 13.1 Waste treatment methods

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#### **Product / Packaging disposal**

##### **Waste chemical**

Avoid release to the environment. Product and container must be disposed of safely. Dispose of in accordance with applicable waste disposal regulation. Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.

##### **Waste codes / waste designations according to LoW**

16 05 04\* - gases in pressure containers (including halons) containing dangerous substances

##### **Packaging**

Uncleaned containers should not be perforated, cut or welded. Pressurized container. Do not pierce or burn, even after use. Dispose of in accordance with applicable waste disposal regulation. Deliver completely emptied containers to approved waste disposal authorities.

##### **Waste codes / waste designations according to LoW**

15 01 11\* - metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers

##### **Waste treatment-relevant information**

No information.

##### **Sewage disposal-relevant information**

No information.

##### **Other disposal recommendations**

No information.

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## Section 14: Transport information

ADR/RID	IMDG	IATA	ADN
<b>14.1 UN number or ID number</b>			
UN 1950	UN 1950	UN 1950	UN 1950
<b>14.2 UN proper shipping name</b>			
AEROSOLS	AEROSOLS	AEROSOLS	AEROSOLS
<b>14.3 Transport hazard class(es)</b>			
2	2	2	2
			
<b>14.4 Packing group</b>			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
<b>14.5 Environmental hazards</b>			
NO	NO	NO	NO
<b>14.6 Special precautions for user</b>			
Limited quantities 1 L Special provisions 190, 327, 344, 625 Packing Instructions P207, LP200 Special packing provisions PP87, RR6, L2 Transport category 2 Tunnel restriction code (D) Classification code 5F	Limited quantities 1 L EmS F-D, S-U	Limited Quantity, Packing Instructions (Ltd Qty, Pkg Inst) Y203 Limited Quantity, Maximum Net Quantity/Package (Ltd Qty, Max Net Qty/Pkg) 30 kg G Packing Instructions (Pkg Inst) 203 Maximum Net Quantity/Package (Max Net Qty/Pkg) 25 kg Special provisions A145, A167, A802	Limited quantities 1 L

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ADR/RID	IMDG	IATA	ADN
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Goods may not be carried in bulk in bulk containers, containers or vehicles.		

## Section 15: Regulatory information

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2020/878)
- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

#### Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)

not applicable

#### Ingredients according to Regulation (EC) No 648/2004 on detergents

No information.

#### Special instructions

No information.

### 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## Section 16: Other information

#### Indication of changes

2.3 Other hazards 3.2 Mixtures 6.3 Methods and material for containment and cleaning up 7.1 Precautions for safe handling 8.1 Control parameters 9.1 Information on basic physical and chemical properties 9.2 Other information 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 11.2 Information on other hazards 12.1 Toxicity 12.2 Persistence and degradability 12.3 Bioaccumulative potential 12.6 Endocrine disrupting properties 12.8 Additional information 13.1 Waste treatment methods 14. Transport information 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Key literature references and sources for data

No information.

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## Abbreviations and acronyms

ATE - Acute Toxicity Estimate  
ADR - Agreement concerning the International Carriage of Dangerous Goods by Road  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
CEN - European Committee for Standardisation  
C&L - Classification and Labelling  
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008  
CAS# - Chemical Abstracts Service number  
CMR - Carcinogen, Mutagen, or Reproductive Toxicant  
CSA - Chemical Safety Assessment  
CSR - Chemical Safety Report  
DMEL - Derived Minimal Effect Level  
DNEL - Derived No Effect Level  
DPD - Dangerous Preparations Directive 1999/45/EC  
DSD - Dangerous Substances Directive 67/548/EEC  
DU - Downstream User  
EC - European Community  
ECHA - European Chemicals Agency  
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)  
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)  
EEC - European Economic Community  
EINECS - European Inventory of Existing Commercial Substances  
ELINCS - European List of notified Chemical Substances  
EN - European Standard  
EQS - Environmental Quality Standard  
EU - European Union  
Euphrac - European Phrase Catalogue  
EWC - European Waste Catalogue (replaced by LoW - see below)  
GES - Generic Exposure Scenario  
GHS - Globally Harmonized System  
IATA - International Air Transport Association  
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG - International Maritime Dangerous Goods  
IMSBC - International Maritime Solid Bulk Cargoes  
IT - Information Technology  
IUCLID - International Uniform Chemical Information Database  
IUPAC - International Union for Pure Applied Chemistry  
JRC - Joint Research Centre  
Kow - octanol-water partition coefficient  
LC50 - Lethal Concentration to 50 % of a test population  
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)  
LE - Legal Entity  
LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)  
LR - Lead Registrant  
M/I - Manufacturer / Importer  
MS - Member States  
MSDS - Material Safety Data Sheet  
OC - Operational Conditions  
OECD - Organization for Economic Co-operation and Development  
OEL - Occupational Exposure Limit  
OJ - Official Journal  
OR - Only Representative  
OSHA - European Agency for Safety and Health at work



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PBT - Persistent, Bioaccumulative and Toxic substance

PEC - Predicted Effect Concentration

PNEC(s) - Predicted No Effect Concentration(s)

PPE - Personal Protection Equipment

(Q)SAR - Qualitative Structure Activity Relationship

REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006

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

RIP - REACH Implementation Project

RMM - Risk Management Measure

SCBA - Self-Contained Breathing Apparatus

SDS - Safety data sheet

SIEF - Substance Information Exchange Forum

SME - Small and Medium sized Enterprises

STOT - Specific Target Organ Toxicity

(STOT) RE - Repeated Exposure

(STOT) SE - Single Exposure

SVHC - Substances of Very High Concern

UN - United Nations

vPvB - Very Persistent and Very Bioaccumulative

## List of relevant H phrases

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

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.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.