

# SAFETY DATA SHEET according to regulation 1907/2006

**silco**<sup>®</sup>**Product name: 1072 HT Paint Spray****Creation date: 26.02.2013, Revision: 17.02.2021, version: 2.0**

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

1.1.1 Product name  
1072 HT Paint Spray



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

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

1.2.1 Relevant identified uses  
Paint.

1.2.2 Uses advised against  
No information.

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

1.3.1 Supplier  
SILCO, D.O.O.  
Šentrupert 5 a  
3303 Gomilsko, Slovenia  
+386 3 703 3180  
n.cvilak@silco-automotive.com

### 1.4 Emergency Telephone Number

Emergency  
112

Supplier  
+386 3 703 3180

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

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

Aerosol 1; H222 Extremely flammable aerosol.

Aerosol 1; H229.1 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; H335 May cause respiratory irritation.

STOT SE 3; H336 May cause drowsiness or dizziness.

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

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

**Signal word: Danger**

H222 Extremely flammable aerosol.

H229.1 Pressurised container: May burst if heated.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory 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.

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 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE/doctor if you feel unwell.

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.

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.

**2.2.2 Contains:**

acetone

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

xylene

Hydrocarbons, C9, aromatics

**2.3 Other hazards**

No information.

**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 CONC. LIMITS	NOTES FOR SUBSTANCES
acetone	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	/	/
isobutane	75-28-5 200-857-2 601-004-00-0 01-2119485395-27	10-25	Flam. Gas 1; H220 Press. Gas; H280	/	C, S

propane	74-98-6 200-827-9 601-003-00-5 01-2119486944-21	2,5-10	Flam. Gas 1; H220 Press. Gas; H280	/	U
reaction mass of ethylbenzene, m-xylene and p-xylene	- 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	/	/
Aromatic hydrocarbons, C8	- 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	/	/
xylene	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	/	C
Hydrocarbons, C9, aromatics	- 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	/	/
n-butyl acetate	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	/	/
xylene	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	/	C
ethylbenzene	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).
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).

Product description  
Hydrocarbons with a propellant.

## SECTION 4: FIRST AID MEASURES

### 4.1 First aid measures

#### 4.1.1 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.

#### 4.1.2 Following inhalation

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

#### 4.1.3 Following skin contact

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

#### 4.1.4 Following eye contact

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

#### 4.1.5 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

#### 4.2.1 Following inhalation

Vapours may cause drowsiness and dizziness. Can cause irritation of respiratory system. Coughing, sneezing, nasal discharge, labored breathing.

#### 4.2.2 Following skin contact

Irritating to the skin. Itching, redness, pain.

#### 4.2.3 Following eye contact

Strongly irritates the eyes. Redness, tearing, pain.

#### 4.2.4 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

Treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

#### 5.1.1 Suitable extinguishing media

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

#### 5.1.2 Unsuitable extinguishing media

Full water jet.

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

#### 5.2.1 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

**5.3.1 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.

**5.3.2 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).

**5.3.3 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****6.1 Personal precautions, protective equipment and emergency procedures****6.1.1 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**

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

**6.1.5 For emergency responders**

Use personal protective equipment.

**6.2 Environmental precautions**

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****6.3.1 For containment**

Stem the spill if this does not pose risks.

**6.3.2 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.

**6.3.3 OTHER INFORMATION**

See Section 7: safe handling.

**6.4 Reference to other sections**

See also sections 8 and 13.

**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling****7.1.1 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.

#### 7.1.6 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.

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

#### 7.2.1 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.

#### 7.2.2 Packaging materials

The original container of producer.

#### 7.2.3 Requirements for storage rooms and vessels

Do not store in unlabelled containers.

### 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

#### 8.1.1 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	/	/	/	/	/
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
Acetone (67-64-1)	1210	500	3620	1500	/	/
Butyl acetate (123-86-4)	724	150	966	200	/	/

#### 8.1.2 Information on monitoring procedures

BS EN 14042:2003 Title Identifier: Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 482:2012+A1:2015 Workplace exposure. General requirements for the performance of procedures for the measurement of chemical agents.

#### 8.1.3 DNEL/DMEL values

##### For product

No information.

##### For components

NAME	TYPE	EXPOSURE ROUTE	EXP. FREQUENCY	REMARK	VALUE
acetone	Worker	dermal	long term systemic effects	/	186 mg/kg bw/day

acetone	Worker	inhalation	short term local effects	/	2420 mg/m <sup>3</sup>
acetone	Worker	inhalation	long term systemic effects	/	1210 mg/m <sup>3</sup>
acetone	Consumer	oral	long term systemic effects	/	62 mg/kg bw/day
acetone	Consumer	dermal	long term systemic effects	/	62 mg/kg bw/day
acetone	Consumer	inhalation	long term systemic effects	/	200 mg/m <sup>3</sup>
n-butyl acetate	Worker	inhalation	long term systemic effects	/	300 mg/m <sup>3</sup>
n-butyl acetate	Consumer	inhalation	long term systemic effects	/	35.7 mg/m <sup>3</sup>
n-butyl acetate	Worker	inhalation	short term systemic effects	/	600 mg/m <sup>3</sup>
n-butyl acetate	Consumer	inhalation	short term systemic effects	/	300 mg/m <sup>3</sup>
n-butyl acetate	Worker	inhalation	short term local effects	/	600 mg/m <sup>3</sup>
n-butyl acetate	Worker	inhalation	long term local effects	/	300 mg/m <sup>3</sup>
n-butyl acetate	Consumer	inhalation	short term local effects	/	300 mg/m <sup>3</sup>
n-butyl acetate	Consumer	inhalation	long term local effects	/	35.7 mg/m <sup>3</sup>
n-butyl acetate	Worker	dermal	long term systemic effects	/	11 mg/kg bw/day
n-butyl acetate	Worker	dermal	short term systemic effects	/	11 mg/kg bw/day
n-butyl acetate	Consumer	dermal	long term systemic effects	/	6 mg/kg bw/day
n-butyl acetate	Consumer	dermal	short term systemic effects	/	6 mg/kg bw/day
n-butyl acetate	Consumer	oral	long term systemic effects	/	2 mg/kg bw/day
n-butyl acetate	Consumer	oral	short term systemic effects	/	2 mg/kg bw/day

### 8.1.6 PNEC values

For product

No information.

For components

NAME	EXPOSURE ROUTE	REMARK	VALUE
acetone	marine water	/	1.06 mg/L
acetone	fresh water	/	10.6 mg/L
acetone	fresh water sediment	dry weight	30.4 mg/kg
acetone	marine water sediment	dry weight	3.04 mg/kg
acetone	soil	dry weight	29.5 mg/kg
acetone	water treatment plant	/	100 mg/L
acetone	water, intermittent release	/	21 mg/L
n-butyl acetate	fresh water	/	0.18 mg/L
n-butyl acetate	soil	dry weight	0.09 mg/kg
n-butyl acetate	marine water	/	0.018 mg/L
n-butyl acetate	water, intermittent release	/	0.36 mg/L
n-butyl acetate	fresh water sediment	dry weight	0.981 mg/kg
n-butyl acetate	marine water sediment	dry weight	0.098 mg/kg
n-butyl acetate	water treatment plant	/	35.6 mg/L

## 8.2 Exposure controls

### 8.2.1 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.

**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.

**8.2.6 Personal protective equipment****Eye and face protection**

Safety glasses with side protection (EN 166).

**Hand protection**

Protective gloves (EN 374).

**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).

**8.2.12 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 exposure in the environment.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties****Physical state**

liquid - aerosol

**9.1.2 Colour**

black

**9.1.3 Odour**

No information.

**9.1.4 Important health, safety and environmental information**

Odour threshold	No information.
pH	No information.
Melting point/Freezing point	No information.
Initial boiling point/boiling range	No information.
Flash point	No information.
Evaporation rate	No information.
Flammability (solid, gas)	No information.
Explosion limits (vol%)	1.5 – 10.9 vol % (propellant) 2.1 – 13 vol % (acetone)
Vapour pressure	8 hPa at 20 °C
Vapour density	No information.



Density / weight	Density: 0.9607 – 0.962 g/cm <sup>3</sup>
Solubility	No information.
Partition coefficient	No information.
Auto-ignition temperature	No information.
Decomposition temperature	No information.
Viscosity	No information.
Explosive properties	No information.
Oxidising properties	No information.

## 9.2 OTHER INFORMATION

No information.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under recommended transport or storage conditions.

### 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 toxicological effects

#### (a) Acute toxicity

For product

No information.

For components

NAME	EXPOSURE ROUTE	TYPE	SPECIES	TIME	VALUE	METHOD	REMARK
acetone	inhalation	LC <sub>50</sub>	rat	/	> 20 mg/l	/	/

acetone	dermal	LD <sub>50</sub>	rat	/	> 2000 mg/kg	/	/
acetone	oral	LD <sub>50</sub>	rat	/	> 2000 mg/kg	/	/
Aromatic hydrocarbons, C8	oral	LD <sub>50</sub>	rat	/	3523 mg/kg	/	/
Aromatic hydrocarbons, C8	inhalation	-	/	/	/	/	Harmful if inhaled.
Aromatic hydrocarbons, C8	dermal	-	/	/	/	/	Harmful in contact with skin.
xylene	oral	LD <sub>50</sub>	/	/	2000 - 5000 mg/kg	/	/
xylene	inhalation	LC <sub>50</sub>	/	/	10 - 20 mg/l	/	/
Hydrocarbons, C9, aromatics	oral	LD <sub>50</sub>	rat	/	> 2000 mg/kg	/	/
Hydrocarbons, C9, aromatics	dermal	LD <sub>50</sub>	rat	/	> 2000 mg/kg	/	/
n-butyl acetate	oral	LD <sub>50</sub>	rat	/	13100 mg/kg	/	/
n-butyl acetate	dermal	LD <sub>50</sub>	rabbit	/	> 5000 mg/kg	/	/
n-butyl acetate	inhalation	LC <sub>50</sub>	rat	4 h	> 21 mg/l	/	/
xylene	oral	LD <sub>50</sub>	rat	/	4300 mg/kg	/	/
xylene	dermal	LD <sub>0</sub>	rabbit	/	2000 mg/kg	/	/
xylene	inhalation	LC <sub>50</sub>	rat	4 h	21.7 mg/l	/	/

**Additional information**

The product is not classified for acute toxicity.

**(b) Skin corrosion/irritation**

For product

No information.

For components

NAME	SPECIES	TIME	RESULT	METHOD	REMARK
acetone	/	/	Light irritation. Defatting the skin.	/	/
acetone	/	/	Prolonged and repeated contact can cause dermatitis.	/	/

**Additional information**

Causes skin irritation.

**(c) Serious eye damage/irritation**

For product

No information.

For components

NAME	EXPOSURE ROUTE	SPECIES	TIME	RESULT	METHOD	REMARK
acetone	/	/	/	Irritating to eyes.	/	/
acetone	/	/	/	It causes inflammation of the conjunctiva.	/	/

**Additional information**

Causes serious eye irritation.

**(d) Respiratory or skin sensitisation**

For product

No information.

For components

NAME	EXPOSURE ROUTE	SPECIES	TIME	RESULT	METHOD	REMARK
acetone	-	/	/	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 product

No information.

For components

NAME	TYPE	SPECIES	TIME	RESULT	METHOD	REMARK
acetone	/	/	/	The chemical is not classified as mutagenic.	/	/
Aromatic hydrocarbons, C8	in-vivo mutagenicity	/	/	Negative.	/	/
Aromatic hydrocarbons, C8	in-vitro mutagenicity	/	/	Negative.	/	/
xylene	/	/	/	Not mutagenic.	/	/

**(f) Carcinogenicity**

For product

No information.

For components

NAME	EXPOSURE ROUTE	TYPE	SPECIES	TIME	VALUE	RESULT
acetone	/	/	/	/	/	Substance is not classified as carcinogenic.
Aromatic hydrocarbons, C8	/	/	/	/	/	Substance is not classified as carcinogenic.
xylene	/	/	/	/	/	Limited evidence of carcinogenicity in animal studies.

**(g) Reproductive toxicity**

For product

No information.

For components

NAME	TYPE	SPECIES	TIME	VALUE	RESULT	METHOD	REMARK
acetone	/	/	/	/	The chemical is not classified as toxic for reproduction.	/	/
Aromatic hydrocarbons, C8	/	/	/	/	Animal testing did not show any effects on fertility.	/	/
xylene	-	/	/	/	not teratogenic	/	/
xylene	/	/	/	/	Not 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 product

No information.

For components

NAME	EXPOSURE ROUTE	TYPE	SPECIES	TIME	ORGAN	VALUE	RESULT	METHOD	EXPOSURE	REMARK
acetone	inhalation (vapours)	-	/	/	/	/	Headache, dizziness.	/	/	/
reaction mass of ethylbenzene, m-xylene and p-xylene	inhalation	-	/	/	/	/	May cause respiratory irritation.	/	/	/

Aromatic hydrocarbons, C8	oral	-	/	/	/	/	May cause irritation of the digestive tract.	/	/	/
Aromatic hydrocarbons, C8	oral	-	/	/	/	/	May cause nausea/vomiting and diarrhea	/	/	/
Aromatic hydrocarbons, C8	inhalation	-	/	/	/	/	May cause respiratory irritation.	/	/	high vapours concentrations
xylene	inhalation	-	/	/	/	/	May cause respiratory irritation.	/	/	/

**Additional information**

May cause drowsiness or dizziness. May cause respiratory irritation.

**(i) STOT-repeated exposure****For product**

No information.

**For components**

NAME	EXPOSURE ROUTE	TYPE	SPECIES	TIME	ORGAN	VALUE	RESULT	METHOD	EXPOSURE	REMARK
reaction mass of ethylbenzene, m-xylene and p-xylene	-	-	/	/	/	/	May cause damage to organs through prolonged or repeated exposure.	/	/	/
xylene	-	-	/	/	/	/	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****For product**

No information.

**For components**

No information.

**Additional information**

May be fatal if swallowed and enters airways.

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity****12.1.1 Acute (short-term) toxicity****For product**

No information.

**For components**

NAME	TYPE	VALUE	EXPOSURE TIME	SPECIES	ORGANISM	METHOD	REMARK
acetone	LC/EC/IC <sub>50</sub>	> 1000 mg/L	/	fish	/	/	/
acetone	LC/EC/IC <sub>50</sub>	> 1000 mg/L	/	invertebrates	/	/	/
acetone	LC/EC/IC <sub>50</sub>	> 1000 mg/L	/	algae	/	/	/

acetone	LC/EC/IC <sub>50</sub>	> 1000 mg/L	/	bacteria	/	/	/
reaction mass of ethylbenzene, m-xylene and p-xylene	LC <sub>50</sub>	> 1.3 mg/L	/	fish	/	/	/
Aromatic hydrocarbons, C8	LC <sub>50</sub>	2.6 mg/L	96 h	fish	/	/	/
Aromatic hydrocarbons, C8	EC <sub>50</sub>	1 mg/L	48 h	aquatic invertebrates	<i>Daphnia magna</i>	/	/
Aromatic hydrocarbons, C8	LC <sub>50</sub>	2.2 mg/L	72 h	algae	/	/	/
xylene	IC <sub>50</sub>	2.2 mg/L	72 h	algae	/	/	/
xylene	EC <sub>50</sub>	1 mg/L	48 h	aquatic invertebrates	<i>Daphnia magna</i>	/	/
xylene	LC <sub>50</sub>	26.7 mg/L	96 h	fish	<i>Pimephales promelas</i>	/	/
xylene	LC <sub>50</sub>	16.9 mg/L	96 h	fish	<i>Carassius auratus</i>	/	/
xylene	LC <sub>50</sub>	20.9 mg/L	96 h	fish	<i>Lepomis macrochirus</i>	/	/
xylene	LC <sub>50</sub>	34.7 mg/L	96 h	fish	<i>Poecilia reticulata</i>	/	/
Hydrocarbons, C9, aromatics	LC <sub>50</sub>	1 - 10 mg/L	/	<i>Daphnia</i>	/	/	/
xylene	EC <sub>50</sub>	165 mg/L	48 h	<i>Daphnia</i>	/	/	/

#### 12.1.4 Chronic (long-term) toxicity

For product

No information.

For components

NAME	TYPE	VALUE	EXPOSURE TIME	SPECIES	ORGANISM	METHOD	REMARK
xylene	NOEC	> 1.3 mg/l	56 days	fish	/	/	/
xylene	NOEC	0.96 mg/l	7 days	aquatic invertebrates	<i>Daphnia</i>	/	/

#### 12.1.7 Additional information

No information.

### 12.2 Persistence and degradability

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

For product

No information.

For components

NAME	ENVIRONMENT	TYPE / METHOD	HALF TIME	EVALUATION	METHOD	REMARK
xylene	Air	photodegradation	/	In the air it is quickly oxidized by photochemical reaction.	/	/

#### 12.2.4 Biodegradation

For product

No information.

For components

NAME	TYPE	RATE	TIME	EVALUATION	METHOD	REMARK
acetone	biodegradability	/	/	biodegradable	/	/
reaction mass of ethylbenzene, m-xylene and p-xylene	BOD	57 - 80 g O <sub>2</sub> /g	/	/	/	/

Aromatic hydrocarbons, C8	aerobic	/	/	inherently biodegradable	/	/
Aromatic hydrocarbons, C8	anaerobic	/	/	biodegradable	/	/
xylene	biodegradability	/	/	readily biodegradable	/	/

### 12.2.7 Additional information

No information.

## 12.3 Bioaccumulative potential

### 12.3.1 Partition coefficient

For product

No information.

For components

NAME	MEDIA	VALUE	TEMPERATURE	PH	CONCENTRATION	METHOD
Aromatic hydrocarbons, C8	Log Pow	> 3	/	/	/	/

### 12.3.4 Bioconcentration factor (BCF)

For product

No information.

For components

NAME	SPECIES	ORGANISM	VALUE	DURATION	EVALUATION	METHOD	REMARK
Aromatic hydrocarbons, C8	BCF	/	25.9	/	/	/	/
xylene	BCF	/	25.9	/	Low bioaccumulation potential.	/	/

### 12.3.7 Additional information

No information.

## 12.4 Mobility in soil

### 12.4.1 Known or predicted distribution to environmental compartments

For product

No information.

For components

NAME	AIR	WATER	SOIL	SEDIMENT	(AQUATIC) BIOTA	METHOD	REMARK
xylene	/	/	/	/	/	/	Low mobility in the soil.

### 12.4.4 Surface tension

For product

No information.

For components

No information.

### 12.4.7 Adsorption/Desorption

For product

No information.

For components

No information.

### 12.4.10 Additional information

No information.

## 12.5 Results of PBT and vPvB assessment

No evaluation.

#### 12.6 Other adverse effects

No information.

#### 12.7 Additional information

##### 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

###### **acetone**

Volatile. Soluble in water. Spillages may penetrate the soil causing ground water contamination. Low bioaccumulation potential.

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

Bioaccumulation is not expected. Very mobile in soil.

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

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

###### **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.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### 13.1.1 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

#### 13.1.6 Waste treatment-relevant information

No information.

#### 13.1.7 Sewage disposal-relevant information





No information.

#### 13.1.8 Other disposal recommendations

No information.

## SECTION 14: TRANSPORT INFORMATION

ADR/RID	IMDG	IATA	ADN
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<b>14.1 UN number</b>			
UN 1950	UN 1950	UN 1950	UN 1950
<b>14.2 UN proper shipping name</b>			
AEROSOLS, <i>flammable</i>	AEROSOLS, <i>flammable</i>	AEROSOLS, <i>flammable</i>	AEROSOLS, <i>flammable</i>
<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 Transport category 2 Tunnel restriction code (D)	Limited quantities 1 L EmS F-D, S-U Special provisions 190, 327, 344, 625 Packing Instructions P207, LP200 Special packing provisions PP87, RR6, L2	Limited Quantity Packing Instructions Y203 Limited Quantity Net Qty 30 kg G Passenger Packing Instruction Packing Instructions 203 Passenger Packing Instruction Net Qty 25 kg Special provisions A145, A167, A802	Limited quantities 1 L
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>			
Goods may not be carried in bulk in bulk containers, containers or vehicles.	Goods may not be carried in bulk in bulk containers, containers or vehicles.	Not given/not applicable	Not given/not applicable

## 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) 2015/830)

- 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

### 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

No information.

### Key literature references and sources for data

No information.

### 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

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.