

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended



S6006 THINNER for synthetic coating materials

Creation date	20th July 2017	Version	3.0
Revision date	22nd February 2023		

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

- 1.1. Product identifier**
S6006 THINNER for synthetic coating materials
Substance / mixture
mixture
Number
S6006-A-V0001
UFI
1HMC-5Y1M-D006-UYGU
Other mixture names
S6006 Ředidlo do syntetických nátěrových hmot ŘEDIDLO
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use
To thin air-drying oil and synthetic coating materials (for coating with a brush), unless the respective standard prescribes another thinner.
Main intended use
PC-PNT-7 Paint removers, thinners and related auxiliaries
Mixture uses advised against
The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**
Manufacturer
Name or trade name
COLORLAK, a.s.
Address
Tovární 1076, Staré Město, 686 03
Czech Republic
Identification number (CRN)
49444964
VAT Reg No
CZ49444964
Phone
+420 572527111
E-mail
colorlak@colorlak.cz
Web address
www.colorlak.cz
Competent person responsible for the safety data sheet
Name
Ing. Veronika Chytilová
E-mail
chytilova@colorlak.cz
- 1.4. Emergency telephone number**
European emergency number: 112

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**
Classification of the mixture in accordance with Regulation (EC) No 1272/2008
The mixture is classified as dangerous.

Flam. Liq. 3, H226
Asp. Tox. 1, H304
Acute Tox. 4, H312+H332
Skin Irrit. 2, H315
Eye Irrit. 2, H319
STOT SE 3, H335
STOT RE 2, H373
Aquatic Chronic 3, H412

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse physico-chemical effects

Flammable liquid and vapour.

Most serious adverse effects on human health and the environment

May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure. Harmful in contact with skin or if inhaled. Harmful to aquatic life with long lasting effects.

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2.2. Label elements

Hazard pictogram



Signal word

Danger

Hazardous substances

Technical xylene (mixed with ethylbenzene)
hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Hazard statements

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.
H312+H332	Harmful in contact with skin or if inhaled.

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
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.
P331	Do NOT induce vomiting.
P370+P378	In case of fire: Use foam (alcohol resistant), carbon dioxide, a spray mist, powder to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to by handing over to a person authorized to dispose of waste or a site designated by the town.

Requirements for child-resistant fastenings and tactile warning of danger

Container must carry a tactile warning of danger. Container must be fitted with child-resistant fastening.

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
EC: 905-588-0 Registration number: 01-2119539452-40	Technical xylene (mixed with ethylbenzene)	89-94	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Acute Tox. 4, H312+H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Specific concentration limit: STOT RE 2, H373 (central nervous system): C ≥ 10 % ATE Dermal = 1100 mg/kg bw ATE Inhalation (vapor) = 11 mg/l	1
CAS: 64742-82-1 EC: 919-446-0 Registration number: 01-2119458049-33	hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	8,5-9,5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336 STOT RE 1, H372 (central nervous system, respiratory tract (inhalation)) Aquatic Chronic 2, H411 EUH066	3
Index: 601-020-00-8 CAS: 71-43-2 EC: 200-753-7	benzene	<0,001	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Muta. 1B, H340 Carc. 1A, H350 STOT RE 1, H372	2

Notes

- 1 A substance for which exposure limits are set.
- 2 The use of the substance is restricted by Annex XVII of REACH Regulation
- 3 Substance of unknown or variable composition, complex reaction products or biological materials - UVCB.

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Do not perform artificial respiration without self-protection (e.g. a mask). Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

If inhaled

Take care of your own safety, do not let the affected person walk! Terminate the exposure immediately; move the affected person to fresh air. Beware of the contaminated clothes. Depending on the situation, call the medical rescue service and ensure medical treatment considering the frequent need of further observation for at least 24 hours.

If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists. Rinse skin with water or shower.

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If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if possible.

If swallowed

If the affected person vomits, make sure to prevent inhalation of the vomit (as there is a danger of lung damage after inhalation of these liquids in the airways also in infinitesimal amount). Ensure medical treatment considering the frequent need of further observation for at least 24 hours. Bring an original container with the label and the Safety Data Sheet of the given substance as appropriate.

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

If inhaled

Cough, headache. May cause respiratory irritation.

If on skin

Causes skin irritation.

If in eyes

Causes serious eye irritation.

If swallowed

Irritation, nausea.

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

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide sufficient ventilation. Flammable liquid and vapour. Remove all ignition sources. Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Do not inhale mist/vapours/spray. Prevent contact with skin and eyes.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

6.4. Reference to other sections

See the Section 7, 8 and 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent formation of gases and vapours in flammable or explosive concentrations and concentrations exceeding the occupational exposure limits. The product should be used only in the areas where it is not in contact with open fire and other ignition sources. Use non-sparking tools. Use of antistatic clothes and footwear is recommended. Do not inhale mist/vapours/spray. Prevent contact with skin and eyes. No smoking. Wash hands and exposed parts of the body thoroughly after handling. Use only outdoors or in a well-ventilated area. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take action to prevent static discharges. Avoid release to the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Do not expose to sunlight. Store locked up. Keep container tightly closed. Keep cool.

Content	Packaging type	Material of package
0,42 l	can / tin	FE
0,7 l	can / tin	FE
2 l	jerry can	FE
4 l	jerry can	FE
9 l	jerry can	FE
170 l	barrel / drum	FE
800 kg	IBC (intermediate bulk container)	

Storage class

3A - Flammable liquids (flash point below 55 °C)

Storage temperature

+5 - 25 °C

The specific requirements or rules relating to the substance/mixture

Solvent vapours are heavier than air and accumulate especially near the floor where they may form an explosive mixture with the air.

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

European Union

Commission Directive 91/322/EEC

Substance name (component)	Type	Value
Technical xylene (mixed with ethylbenzene)	OEL 8 hours	442 mg/m ³
	OEL 8 hours	100 ppm
	OEL 15 minutes	884 mg/m ³
	OEL 15 minutes	200 ppm
	OEL 8 hours	221 mg/m ³
	OEL 8 hours	50 ppm
	OEL 15 minutes	442 mg/m ³
	OEL 15 minutes	100 ppm

DNEL

hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	330 mg/m ³	Systemic chronic effects		BL dodavatele
Workers	Dermal	44 mg/kg bw/day	Systemic chronic effects		BL dodavatele
Consumers	Inhalation	71 mg/m ³	Systemic chronic effects		BL dodavatele
Consumers	Dermal	26 mg/kg bw/day	Systemic chronic effects		BL dodavatele

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hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Consumers	Oral	26 mg/kg bw/day	Systemic chronic effects		BL dodavatele

Technical xylene (mixed with ethylbenzene)

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	221 mg/m ³	Systemic chronic effects		BL dodavatele
Workers	Inhalation	442 mg/m ³	Systemic acute effects		BL dodavatele
Workers	Dermal	212 mg/kg bw/day	Systemic chronic effects		BL dodavatele
Consumers	Inhalation	65.3 mg/m ³	Local chronic effects		BL dodavatele
Consumers	Dermal	125 mg/kg bw/day	Systemic chronic effects		BL dodavatele
Consumers	Oral	12.5 mg/kg bw/day	Systemic chronic effects		BL dodavatele
Workers	Inhalation	221 mg/m ³	Local chronic effects		BL dodavatele
Workers	Inhalation	442 mg/m ³	Local acute effects		BL dodavatele
Consumers	Inhalation	260 mg/m ³	Systemic acute effects		BL dodavatele
Consumers	Inhalation	260 mg/m ³	Local acute effects		BL dodavatele

PNEC

Technical xylene (mixed with ethylbenzene)

Route of exposure	Value	Value determination	Source
Freshwater environment	0.327 mg/l		BL dodavatele
Seawater	0.327 mg/l		BL dodavatele
Soil (agricultural)	2.31 mg/kg of dry substance of soil		BL dodavatele
Food chain	0.327 mg/l		BL dodavatele
Microorganisms in wastewater treatment plants	6.58 mg/l		BL dodavatele
Sea sediments	12.46 mg/kg of dry substance of sediment		BL dodavatele
Freshwater sediment	12.46 mg/kg of dry substance of sediment		BL dodavatele

8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. If exposure limits cannot be observed in this mode, suitable protection of airways must be used. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protective goggles.

Skin protection

Hand protection: Protective gloves resistant to the product. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Observe other recommendations of the manufacturer. Other protection: protective workwear. Contaminated skin should be washed thoroughly.

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Respiratory protection

Mask with a filter against organic vapours in a poorly ventilated environment.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	colourless, clear, colorless to slightly yellowish
Odour	after organic solvents
Melting point/freezing point	data not available
hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (CAS: 64742-82-1)	-73 °C (BL dodavatele)
Technical xylene (mixed with ethylbenzene)	-94,96-13,2 °C (BL dodavatele)
Boiling point or initial boiling point and boiling range	data not available
hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (CAS: 64742-82-1)	155-194 °C (BL dodavatele)
Technical xylene (mixed with ethylbenzene)	136,2-144,5 °C (BL dodavatele)
Flammability	Flammable liquid of risk class II (ČSN 65 0201)
Technical xylene (mixed with ethylbenzene)	hořlavý (BL dodavatele)
Lower and upper explosion limit	
bottom	0,7 % (for Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%))
hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (CAS: 64742-82-1)	0,7 % (BL dodavatele)
Technical xylene (mixed with ethylbenzene)	0,8 % (BL dodavatele)
upper	7,0 % (for Technical xylene (mixed with ethylbenzene))
hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (CAS: 64742-82-1)	6 % (BL dodavatele)
Technical xylene (mixed with ethylbenzene)	7 % (BL dodavatele)
Flash point	32 °C (PND 65 6065)
hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (CAS: 64742-82-1)	43 °C (BL dodavatele)
Technical xylene (mixed with ethylbenzene)	18-32 °C (BL dodavatele)
Auto-ignition temperature	data not available
hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (CAS: 64742-82-1)	242 °C (BL dodavatele)
Technical xylene (mixed with ethylbenzene)	432-528 °C (BL dodavatele)
Decomposition temperature	data not available
pH	non-soluble (in water)
Kinematic viscosity	<20,5 mm ² /s at 40 °C
Solubility in water	not miscible
Technical xylene (mixed with ethylbenzene)	146-190,7 mg/l při 25 °C (BL dodavatele)
Solubility in fats	data not available
Partition coefficient n-octanol/water (log value)	log Pow 3,12 to more than 4 (range of substances contained)
Vapour pressure	6,5 - 20 hPa at 20 °C (range of substances contained)
hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (CAS: 64742-82-1)	0,2 kPa at 20 °C (BL dodavatele)
Technical xylene (mixed with ethylbenzene)	650-944 Pa (BL dodavatele)
Density and/or relative density	
Density	0,840-0,855 g/cm ³ at 23 °C (manufacturer's methodology B5/TD1-5 (ČSN EN ISO 2811-2))

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hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (CAS: 64742-82-1) 0,79 g/cm³ at 15 °C (BL dodavatele)
Technical xylene (mixed with ethylbenzene) 0,862-0,88 g/cm³ at 25 °C (BL dodavatele)
Relative density data not available
Form liquid: volatile, liquid without extraneous impurities
VOC content in product: category and subcategory of products - not classified

9.2. Other information

Evaporation rate data not available
Combustion temperature 46 °C (PND 65 6212)
Ignition temperature 225 °C (PND 33 0371)
Explosive properties data not available
Vapour density > 1 (air = 1)
Content of organic solvents (VOC) 1,000 kg/kg (calculation)
Total organic carbon (TOC) 0,900 kg/kg (calculation)
Solid content (dry matter) 0 % volume
Max. VOC content in the product in its ready to use condition 855 g/l (calculation)
Flammability - temperature class: T3 (PND 33 0371); Calorific value: 43,27 MJ/kg (PND 65 6169); Heat of combustion: 46,38 MJ/kg (PND 65 6169).

SECTION 10: Stability and reactivity

10.1. Reactivity

not available

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

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

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

Acute toxicity

Harmful in contact with skin or if inhaled.

hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Route of exposure	Parameter	Value	Exposure time	Species	Sex	Source
Oral	LD ₅₀	15000 mg/kg bw		Rat		ECHA
Inhalation	LD ₅₀	13.1 mg/l of air	4 hour	Rat		ECHA
Dermal	LD ₅₀	4 ml/kg bw		Rat		ECHA
Inhalation	NOAEL	300 ppm		Rat		ECHA
Dermal	NOAEL	495 mg/kg bw/day		Rat		ECHA

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Route of exposure	Parameter	Value	Exposure time	Species	Sex	Source
Oral	LD ₅₀	3523 mg/kg bw		Rat		ECHA

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Route of exposure	Parameter	Value	Exposure time	Species	Sex	Source
Inhalation (vapor)	LD ₅₀	6350 ppm	4 hour	Rat		ECHA
Dermal	LD ₅₀	12126 mg/kg bw		Rabbit		ECHA
Oral	NOAEL	150 mg/kg bw		Rat		ECHA
Oral	LOAEL	150 mg/kg bw		Rat		ECHA
Dermal	ATE	1100 mg/kg bw				
Inhalation (vapor)	ATE	11 mg/l				

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.

Toxicity for specific target organ - single exposure

May cause respiratory irritation.

Toxicity for specific target organ - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

May be fatal if swallowed and enters airways.

11.2. Information on other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

Harmful to aquatic life with long lasting effects.

hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Parameter	Method	Value	Exposure time	Species	Environment	Source
LC ₅₀	OECD 203	10-30 mg/l	96 hour	Fishes (Oncorhynchus mykiss)		BL dodavatel e
EC ₅₀	OECD 202	10-22 mg/l	48 hour	Daphnia (Daphnia magna)		BL dodavatel e
ErC ₅₀	OECD 201	4.1 mg/l	72 hour	Algae (Pseudokirchneriella subcapitata)		BL dodavatel e

Technical xylene (mixed with ethylbenzene)

Parameter	Method	Value	Exposure time	Species	Environment	Source
EC ₅₀		96 mg/l	24 hour	Microorganisms (Photobacterium phosphoreum)		ECHA
EC ₅₀		2.2 mg/l	73 hour	Algae (Selenastrum capricornutum)		ECHA

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Parameter	Method	Value	Exposure time	Species	Environment	Source
IC ₅₀		1 mg/l	24 hour	Aquatic invertebrates		ECHA
LC ₅₀		2.6 mg/l	4 day	Fishes (Oncorhynchus mykiss)		ECHA

Chronic toxicity

Technical xylene (mixed with ethylbenzene)

Parameter	Value	Exposure time	Species	Environment	Source
NOEC	960 µg/l		Aquatic invertebrates		ECHA
NOEC	1.3 mg/l	56 day	Fishes (Oncorhynchus mykiss)		ECHA

12.2. Persistence and degradability

Biodegradability

hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Parameter	Method	Value	Exposure time	Environment	Result	Source
	OECD 301F				Easily biodegradable	BL dodavatel e

not available

12.3. Bioaccumulative potential

Not available.

12.4. Mobility in soil

Not available.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Waste type code

07 07 04 other organic solvents, washing liquids and mother liquors *

14 06 03 other solvents and solvent mixtures *

20 01 13 Solvents *

Packaging waste type code

15 01 10 packaging containing residues of or contaminated by hazardous substances *

(*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

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SECTION 14: Transport information

14.1. UN number or ID number

UN 1993

14.2. UN proper shipping name

FLAMMABLE LIQUID, N.O.S. (Technical xylene (mixed with ethylbenzene), Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%))

14.3. Transport hazard class(es)

3 Flammable liquids

14.4. Packing group

III - substances presenting low danger

14.5. Environmental hazards

No.

14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not relevant

Additional information

Hazard identification No.

30

UN number

1993

Classification code

F1

Safety signs

3



Road transport - ADR

Special provisions

274, 601, 640E

Limited quantities

5 L

Excepted quantities

E2

Packaging

Packing instructions

P001, IBC03, LP01, R001

Mixed packing provisions

MP19

Portable tanks and bulk containers

Guidelines

T4

Special provisions

TP1, TP29

ADR tank

Tank code

LGBF

Vehicles for tank carriage

FL

Transport category

3

Tunnel restriction code

(D/E)

Special provision for

packages

V12

operation

S2

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Railway transport - RID

Special provisions 274, 601, 640E

Packaging

Packing instructions P001, IBC03, LP01, R001
Mixed packing provisions MP19

Portable tanks and bulk containers

Guidelines T4
Special provisions TP1, TP29

RID Tanks

Tank code LGBF
Transport category 3

Special provision for

packages W 12

Air transport - ICAO/IATA

Packaging instructions for limited amount Y344
Packaging instructions passenger 355
Cargo packaging instructions 366

Marine transport - IMDG

EmS (emergency plan) F-E, S-E
MFAG 310

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.

Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

benzene

Restriction	Conditions of restriction
05	1. Shall not be used in toys or parts of toys where the concentration of benzene in the free state is greater than 5 mg/kg (0,0005 %) of the weight of the toy or part of toy. 2. Toys and parts of toys not complying with paragraph 1 shall not be placed on the market. 3. Shall not be placed on the market, or used, — as a substance, — as a constituent of other substances, or in mixtures, in concentrations equal to, or greater than 0,1 % by weight. 4. However, paragraph 3 shall not apply to: (a) motor fuels which are covered by Directive 98/70/EC; (b) substances and mixtures for use in industrial processes not allowing for the emission of benzene in quantities in excess of those laid down in existing legislation. (c) natural gas placed on the market for use by consumers, provided that the concentration of benzene remains below 0,1 % volume/volume.

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benzene

Restriction	Conditions of restriction
29	Without prejudice to the other parts of this Annex the following shall apply to entries 28 to 30: - Shall not be placed on the market, or used, - as substances, - as constituents of other substances, or, - in mixtures, for supply to the general public when the individual concentration in the substance or mixture is equal to or greater than: - either the relevant specific concentration limit specified in Part 3 of Annex VI to Regulation (EC) No 1272/2008, or, - the relevant generic concentration limit specified in Part 3 of Annex I of Regulation (EC) No 1272/2008. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures is marked visibly, legibly and indelibly as follows: "Restricted to professional users". - By way of derogation, paragraph 1 shall not apply to: - medicinal or veterinary products as defined by Directive 2001/82/EC and Directive 2001/83/EC; - cosmetic products as defined by Directive 76/768/EEC; - the following fuels and oil products: - motor fuels which are covered by Directive 98/70/EC, - mineral oil products intended for use as fuel in mobile or fixed combustion plants, - fuels sold in closed systems (e.g. liquid gas bottles); - artists' paints covered by Regulation (EC) No 1272/2008; - the substances listed in Appendix 11, column 1, for the applications or uses listed in Appendix 11, column 2. Where a date is specified in column 2 of Appendix 11, the derogation shall apply until the said date. - devices covered by Regulation (EU) 2017/745.
28	Without prejudice to the other parts of this Annex the following shall apply to entries 28 to 30: - Shall not be placed on the market, or used, - as substances, - as constituents of other substances, or, - in mixtures, for supply to the general public when the individual concentration in the substance or mixture is equal to or greater than: - either the relevant specific concentration limit specified in Part 3 of Annex VI to Regulation (EC) No 1272/2008, or, - the relevant generic concentration limit specified in Part 3 of Annex I of Regulation (EC) No 1272/2008. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures is marked visibly, legibly and indelibly as follows: "Restricted to professional users". - By way of derogation, paragraph 1 shall not apply to: - medicinal or veterinary products as defined by Directive 2001/82/EC and Directive 2001/83/EC; - cosmetic products as defined by Directive 76/768/EEC; - the following fuels and oil products: - motor fuels which are covered by Directive 98/70/EC, - mineral oil products intended for use as fuel in mobile or fixed combustion plants, - fuels sold in closed systems (e.g. liquid gas bottles); - artists' paints covered by Regulation (EC) No 1272/2008; - the substances listed in Appendix 11, column 1, for the applications or uses listed in Appendix 11, column 2. Where a date is specified in column 2 of Appendix 11, the derogation shall apply until the said date. - devices covered by Regulation (EU) 2017/745.

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benzene

Restriction	Conditions of restriction
72	1. Shall not be placed on the market after 1 November 2020 in any of the following: (a) clothing or related accessories; (b) textiles other than clothing which, under normal or reasonably foreseeable conditions of use, come into contact with human skin to an extent similar to clothing; (c) footwear; if the clothing, related accessory, textile other than clothing or footwear is for use by consumers and the substance is present in a concentration, measured in homogeneous material, equal to or greater than that specified for that substance in Appendix 12. 2. By way of derogation, in relation to the placing on the market of formaldehyde [CAS No 50-00-0] in jackets, coats or upholstery, the relevant concentration for the purposes of paragraph 1 shall be 300 mg/kg during the period between 1 November 2020 and 1 November 2023. The concentration specified in Appendix 12 shall apply thereafter. 3. Paragraph 1 shall not apply to: (a) clothing, related accessories or footwear, or parts of clothing, related accessories or footwear, made exclusively of natural leather, fur or hide; (b) non-textile fasteners and non-textile decorative attachments; (c) second-hand clothing, related accessories, textiles other than clothing or footwear (d) wall-to-wall carpets and textile floor coverings for indoor use, rugs and runners. 4. Paragraph 1 shall not apply to clothing, related accessories, textiles other than clothing, or footwear within the scope of Regulation (EU) 2016/425 of the European Parliament and of the Council (*) or Regulation (EU) 2017/745 of the European Parliament and of the Council (**). 5. Paragraph 1(b) shall not apply to disposable textiles. 'Disposable textiles' means textiles that are designed to be used only once or for a limited time and are not intended for subsequent use for the same or a similar purpose. 6. Paragraphs 1 and 2 shall apply without prejudice to the application of any stricter restrictions set out in this Annex or in other applicable Union legislation. 7. The Commission shall review the exemption in paragraph 3(d) and, if appropriate, modify that point accordingly. (*) Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC (OJ L 81, 31.3.2016, p. 51). (**) Regulation (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 on medical devices, amending Directive 2001/83/EC, Regulation (EC) No 178/2002 and Regulation (EC) No 1223/2009 and repealing Council Directives 90/385/EEC and 93/42/EEC (OJ L 117, 5.5.2017, p. 1).

15.2. Chemical safety assessment

not available

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H372	Causes damage to the central nervous system, the respiratory tract (inhalation) through prolonged or repeated exposure.
H372	Causes damage to organs through prolonged or repeated exposure.

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H373	May cause damage to organs through prolonged or repeated exposure.
H373	May cause damage to the central nervous system through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H312+H332	Harmful in contact with skin or if inhaled.
Guidelines for safe handling used in the safety data sheet	
P501	Dispose of contents/container to by handing over to a person authorized to dispose of waste or a site designated by the town.
P102	Keep out of reach of children.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331	Do NOT induce vomiting.
P405	Store locked up.
P101	If medical advice is needed, have product container or label at hand.
P271	Use only outdoors or in a well-ventilated area.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P403+P235	Store in a well-ventilated place. Keep cool.
P370+P378	In case of fire: Use foam (alcohol resistant), carbon dioxide, a spray mist, powder to extinguish.
P260	Do not breathe vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P103	Read label before use.

A list of additional standard phrases used in the safety data sheet

EUH066 Repeated exposure may cause skin dryness or cracking.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
DNEL	Derived no-effect level
EC ₅₀	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
ES	Identification code for each substance listed in EINECS
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
IC ₅₀	Concentration causing 50% blockade
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC ₅₀	Lethal concentration of a substance in which it can be expected death of 50% of the population

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LD ₅₀	Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEL	Lowest observed adverse effect level
log K _{ow}	Octanol-water partition coefficient
MARPOL	International Convention for the Prevention of Pollution from Ships
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted no-effect concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

Acute Tox.	Acute toxicity
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Asp. Tox.	Aspiration hazard
Carc.	Carcinogenicity
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquid
Muta.	Germ cell mutagenicity
Skin Irrit.	Skin irritation
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

The changes (which information has been added, deleted or modified)

The version 3.0 replaces the SDS version from 05 February 2019. Changes were made in sections 1, 2, 3, 7, 8, 9, 11, 12, 13 and 16.

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.