

S6003 Thinner for synthetic baking paints

Creation date	19th March 2021	Version	2.0
Revision date	11th January 2024		

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

- 1.1. Product identifier**
 Substance / mixture S6003 Thinner for synthetic baking paints
 Number mixture
 UFI S6003-A-C0000
 Other mixture names WT26-VYKN-T00F-U71T
 S6003 Ředidlo do syntetických nátěrových hmot vypalovacích
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use
 THINNER S6003 is intended for thinning synthetic paint materials (AXATHERM).
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. Turoňová Veronika
 E-mail turonova@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 Dam. 1, H318
 STOT SE 3, H335
 STOT RE 2, H373
 Aquatic Chronic 3, H412

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

 Responsible Care® OUR COMMITMENT TO SUSTAINABILITY	SAFETY DATA SHEET according to Regulation (EC) No 1907/2006 (REACH) as amended			 COLORLAK barvy, které vydrží
S6003 Thinner for synthetic baking paints				
Creation date	19th March 2021			
Revision date	11th January 2024	Version	2.0	

2.2. Label elements

Hazard pictogram



Signal word

Danger

Hazardous substances

Technical xylene (mixed with ethylbenzene)
butan-1-ol

Hazard statements

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
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.
P314	Get medical advice/attention if you feel unwell.
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.

 Responsible Care® OUR COMMITMENT TO SUSTAINABILITY	SAFETY DATA SHEET according to Regulation (EC) No 1907/2006 (REACH) as amended			 COLORLAK barvy, které vydrží
S6003 Thinner for synthetic baking paints				
Creation date	19th March 2021			
Revision date	11th January 2024	Version	2.0	

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

A mixture of aromatic hydrocarbons and higher alcohols. 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)	82-87	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 %	1, 2
Index: 603-004-00-6 CAS: 71-36-3 EC: 200-751-6 Registration number: 01-2119484630-38	butan-1-ol	13-16	Flam. Liq. 3, H226 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335, H336	

Notes

- 1 A substance for which exposure limits are set.
- 2 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

Terminate the exposure immediately; move the affected person to fresh air. Take care of your own safety, do not let the affected person walk! 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.

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. No neutralization should be performed in any case! Rinsing should be continued for 10-30 minutes from the inner to the outer eye corner to make sure that the other eye is not involved. Depending on the situation, call medical rescue service or ensure medical treatment as promptly as possible. Everyone must be referred for treatment even if affected only a little.

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). Provide 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.

S6003 Thinner for synthetic baking paints

Creation date	19th March 2021	Version	2.0
Revision date	11th January 2024		

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

If inhaled

Inhaling vapours can cause corrosion of the breathing system. Cough, headache. May cause respiratory irritation.

If on skin

Causes skin irritation.

If in eyes

Causes serious eye damage.

If swallowed

Corrosion of the digestion system can occur.

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.

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.

	SAFETY DATA SHEET according to Regulation (EC) No 1907/2006 (REACH) as amended	
S6003 Thinner for synthetic baking paints		
Creation date	19th March 2021	
Revision date	11th January 2024	Version 2.0

Content	Packaging type	Material of package
4 l	jerry can	FE
9 l	jerry can	FE
170 l	barrel / drum	FE

Storage class 8A - Combustible corrosive substances
Storage temperature 5 to 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

butan-1-ol					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	310 mg/m ³	Chronic effects local		echa
Consumers	Oral	3.125 mg/kg bw/day	Chronic effects systemic		echa
Consumers	Inhalation	55 mg/m ³	Acute effects local		echa

Technical xylene (mixed with ethylbenzene)					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	77 mg/m ³	Chronic effects systemic		ECHA
Workers	Inhalation	289 mg/m ³	Acute effects local		ECHA
Workers	Dermal	180 mg/kg bw/day	Chronic effects systemic		ECHA
Consumers	Inhalation	14.8 mg/m ³	Chronic effects systemic		ECHA
Consumers	Dermal	108 mg/kg bw/day	Chronic effects systemic		ECHA
Consumers	Oral	1.6 mg/kg bw/day	Chronic effects systemic		ECHA

 Responsible Care® OUR COMMITMENT TO SUSTAINABILITY	SAFETY DATA SHEET according to Regulation (EC) No 1907/2006 (REACH) as amended			 COLORLAK barvy, které vydrží
S6003 Thinner for synthetic baking paints				
Creation date	19th March 2021	Version	2.0	
Revision date	11th January 2024			

PNEC

butan-1-ol			
Route of exposure	Value	Value determination	Source
Freshwater environment	82 µg/l		echa
Marine water	8.2 µg/l		echa
Water (intermittent release)	2.25 mg/l		echa
Microorganisms in sewage treatment	2.476 g/l		echa
Freshwater sediment	0.178 mg/kg of dry substance of sediment		echa
Sea sediments	17.8 µg/kg		echa
Soil (agricultural)	15 µg/kg		echa

Technical xylene (mixed with ethylbenzene)			
Route of exposure	Value	Value determination	Source
Freshwater environment	327 µg/l		ECHA
Marine water	327 µg/l		ECHA
Soil (agricultural)	2.31 mg/kg of dry substance of soil		ECHA
Food chain	327 µg/l		ECHA
Microorganisms in sewage treatment	6.58 mg/l		EHCA
Sea sediments	12.46 mg/kg of dry substance of sediment		ECHA
Freshwater sediment	12.46 mg/kg of dry substance of sediment		ECHA

8.2. Exposure controls

Take off contaminated clothing and wash before reuse. 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 or face shield (based on the nature of the work performed).

Skin protection

Hand protection: Protective gloves resistant to the product (EN 374). Material of gloves: Use protective gloves made of nitrile rubber or chloroprene rubber (EN 374). A protection index of 6 is recommended (penetration time through the glove material >480 min., glove thickness 0.4 mm for nitrile rubber and 0.5 mm for chloroprene rubber). Penetration time of glove material: No tests have been performed, glove resistance should be tested before use. Find out the exact penetration time of the material from the glove manufacturer and follow it. 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.

Respiratory protection

Mask with a filter in a poorly ventilated environment.

Thermal hazard

Not available.

Environmental exposure controls

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

S6003 Thinner for synthetic baking paints

Creation date	19th March 2021	Version	2.0
Revision date	11th January 2024		

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	colourless, clear to slightly yellowish (manufacturer's methodology B5/TD1-1 (PND 67 3011))
Odour	after organic solvents
Melting point/freezing point	data not available
butan-1-ol (CAS: 71-36-3)	-90 °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
butan-1-ol (CAS: 71-36-3)	119 °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)	inflammable (BL dodavatele)
Lower and upper explosion limit	
bottom	0.8 % (for Xylene)
butan-1-ol (CAS: 71-36-3)	1.4 % (BL dodavatele)
Technical xylene (mixed with ethylbenzene)	0.8 % (BL dodavatele)
upper	11.3 % (for Butan-1-ol)
butan-1-ol (CAS: 71-36-3)	11.3 % (BL dodavatele)
Technical xylene (mixed with ethylbenzene)	7 % (BL dodavatele)
Flash point	24.5 °C (PND EN 456)
butan-1-ol (CAS: 71-36-3)	35 °C (BL dodavatele)
Technical xylene (mixed with ethylbenzene)	18-32 °C (BL dodavatele)
Auto-ignition temperature	data not available
butan-1-ol (CAS: 71-36-3)	355 °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 mm²/s at 40 °C
Solubility in water	not miscible
butan-1-ol (CAS: 71-36-3)	75 g/l při 20 °C (BL dodavatele)
Technical xylene (mixed with ethylbenzene)	146-190.7 mg/l při 25 °C (BL dodavatele)
Partition coefficient n-octanol/water (log value)	logPow 0.8 to 3.2 (range for the substances contained)
Vapour pressure	6.5 to 10 hPa at 20 °C (range for the substances contained)
butan-1-ol (CAS: 71-36-3)	10 hPa at 20 °C (BL dodavatele)
Technical xylene (mixed with ethylbenzene)	650-944 Pa (BL dodavatele)
Density and/or relative density	
Density	0.835-0.860 g/cm³ at 20 °C (ČSN EN ISO 2811-2)
butan-1-ol (CAS: 71-36-3)	0.81 g/cm³ at 20 °C (BL dodavatele)
Technical xylene (mixed with ethylbenzene)	0.862-0.88 g/cm³ at 25 °C (BL dodavatele)
Relative vapour density	data not available
Particle characteristics	data not available
Form	liquid, clear to slightly yellowish liquid without extraneous impurities (manufacturer's methodology B5/TD1-17 (ČSN EN ISO 1513))

VOC content in product: category and subcategory of products - not classified

9.2. Other information

Ignition temperature	455 °C (PND 33 0371)
Combustion temperature	33 °C (PND 65 6212)
Content of organic solvents (VOC)	1 kg/kg (calculation)
Total organic carbon (TOC)	0.928 kg/kg (calculation)
Solid content (dry matter)	0 % volume (calculation)
Max. VOC content in the product in its ready to use condition	860 g/l (calculation)

SAFETY DATA SHEET

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

S6003 Thinner for synthetic baking paints

Creation date 19th March 2021
Revision date 11th January 2024 Version 2.0

Flammability - temperature class: T1 (PND 33 0371); Calorific value: 9,94 MJ/kg (PND 65 6169); Heat of combustion: 42,28 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.

S6003 Thinner for synthetic baking paints

Route of exposure	Parameter	Value	Exposure time	Species	Sex	Value determination	Source
Oral	ATE	3333 mg/kg				Calculation of value	
Dermal	ATE	1294 mg/kg				Calculation of value	
Inhalation (vapor)	ATE	>12.94 mg/l				Calculation of value	

butan-1-ol

Route of exposure	Parameter	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD ₅₀	2292 mg/kg bw		Rat			echa
Inhalation	LC ₀	17.76 mg/l of air	4 hours	Rat			echa
Dermal	LD ₅₀	3430 mg/kg bw		Rabbit			echa

Technical xylene (mixed with ethylbenzene)

Route of exposure	Parameter	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD ₅₀	3523 mg/kg bw		Rat			ECHA
Inhalation (vapor)	LD ₅₀	6350 ppm	4 hours	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

S6003 Thinner for synthetic baking paints

Creation date 19th March 2021
Revision date 11th January 2024 Version 2.0

Skin corrosion/irritation

Causes skin irritation. Data for the components of the mixture are not available.

Serious eye damage/irritation

Causes serious eye damage. Data for the components of the mixture are not available.

Respiratory or skin sensitisation

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Germ cell mutagenicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Carcinogenicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Reproductive toxicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Toxicity for specific target organ - single exposure

May cause respiratory irritation. Data for the components of the mixture are not available.

Toxicity for specific target organ - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Repeated dose toxicity

butan-1-ol							
Route of exposure	Parameter	Result	Value	Exposure time	Species	Sex	Source
Oral	NOAEL		125 mg/kg bw/day		Rat		echa
Inhalation	NOAEL		2.35 mg/l of air		Rat		echa

Aspiration hazard

May be fatal if swallowed and enters airways. Data for the components of the mixture are not available.

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

Harmful to aquatic life with long lasting effects.

Acute toxicity

butan-1-ol					
Parameter	Value	Exposure time	Species	Environment	Source
LC ₅₀	1.376 g/l	96 hours	Fish (Oncorhynchus mykiss)		echa
EC ₅₀	1.328 g/l	48 hours	Aquatic invertebrates		echa
EC ₅₀	225 mg/l	96 hours	Algae and other aquatic plants		echa

 Responsible Care® OUR COMMITMENT TO SUSTAINABILITY	SAFETY DATA SHEET according to Regulation (EC) No 1907/2006 (REACH) as amended			 COLORLAK barvy, které vydrží
S6003 Thinner for synthetic baking paints				
Creation date	19th March 2021			
Revision date	11th January 2024	Version	2.0	

butan-1-ol					
Parameter	Value	Exposure time	Species	Environment	Source
EC ₅₀	4.39 g/l	17 hours	Microorganisms (Photobacterium phosphoreum)		echa

Technical xylene (mixed with ethylbenzene)					
Parameter	Value	Exposure time	Species	Environment	Source
EC ₅₀	96 mg/l	24 hours	Microorganisms (Photobacterium phosphoreum)		ECHA
EC ₅₀	2.2 mg/l	73 hours	Algae (Selenastrum capricornutum)		ECHA
IC ₅₀	1 mg/l	24 hours	Aquatic invertebrates		ECHA
LC ₅₀	2.6 mg/l	4 days	Fish (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 days	Fish (Oncorhynchus mykiss)		ECHA

12.2. Persistence and degradability

No data are available for either the mixture or the components.

12.3. Bioaccumulative potential

No data are available for either the mixture or the components.

12.4. Mobility in soil

No data are available for either the mixture or the components.

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

S6003 Thinner for synthetic baking paints

Creation date	19th March 2021	Version	2.0
Revision date	11th January 2024		

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

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), Butan-1-ol)

14.3. Transport hazard class(es)

3 Flammable liquids

14.4. Packing group

III

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

S6003 Thinner for synthetic baking paints

Creation date	19th March 2021	Version	2.0
Revision date	11th January 2024		

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 W12

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 as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

not available

SECTION 16: Other information

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

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
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.
H373	May cause damage to the central nervous system through prolonged or repeated exposure.
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

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.

S6003 Thinner for synthetic baking paints

Creation date	19th March 2021	Version	2.0
Revision date	11th January 2024		

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.
P314	Get medical advice/attention if you feel unwell.
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.

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
EC	Identification code for each substance listed in EINECS
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
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
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC ₀	Lethal concentration of a substance in which it can be expected death of 0% of the population
LC ₅₀	Lethal concentration of a substance in which it can be expected death of 50% of the population
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
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail

		SAFETY DATA SHEET according to Regulation (EC) No 1907/2006 (REACH) as amended			
S6003 Thinner for synthetic baking paints					
Creation date		19th March 2021		Version	
Revision date		11th January 2024		2.0	

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
Eye Dam.	Serious eye damage
Flam. Liq.	Flammable liquid
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 2.0 replaces the SDS version from 19 March 2021. Changes were made in sections 1, 2, 3, 7, 8, 9, 11, 12, 13, 14, 15 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.