

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 13.07.2021

Version number 8

Revision: 13.07.2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name: Technovit 4000 syrup 2****1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.**Application of the substance / the mixture** Resin for metallographic testing**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Kulzer GmbH

Leipziger Straße 2, 63450 Hanau (Germany)

Tel.: +49 (0)6181 9689-2570 (Wehrheim)

Informing department: email: technik.wehrheim@kulzer-dental.com**1.4 Emergency telephone number: Emergency CONTACT (24-Hour-Number): +49 (0)6132-84463****SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Repr. 2 H361d Suspected of damaging the unborn child.

STOT SE 3 H335 May cause respiratory irritation.

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

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008**

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

Hazard pictograms

GHS02 GHS07 GHS08

Signal word Danger**Hazard-determining components of labelling:**

methyl methacrylate

styrene

methacrylic acid ester

2,2'-[(4-methylphenyl)imino]bisethanol

Hazard statements

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H361d Suspected of damaging the unborn child.

H335 May cause respiratory irritation.

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

(Contd. on page 2)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 13.07.2021

Version number 8

Revision: 13.07.2021

Trade name: Technovit 4000 syrup 2

(Contd. of page 1)

· **Precautionary statements**

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308+P311 IF exposed or concerned: Call a POISON CENTER/doctor.
- P405 Store locked up.

· **2.3 Other hazards -**

· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterisation: Mixtures**

· **Dangerous components:**

CAS: 80-62-6 EINECS: 201-297-1 Reg.nr.: 01-2119452498-28-xxxx	methyl methacrylate Flam. Liq. 2, H225 Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	≥25-≤60%
	methacrylic acid ester Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 Specific concentration limit: STOT SE 3; H335: C ≥ 10 %	≥5-≤25%
CAS: 100-42-5 EINECS: 202-851-5 Reg.nr.: 01-2119457861-32-xxxx	styrene Flam. Liq. 3, H226 Repr. 2, H361d; STOT RE 1, H372 Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	≥2.5-<10%
CAS: 3077-12-1 EINECS: 221-359-1 Reg.nr.: 01-2120791684-40-xxxx	2,2'-[(4-methylphenyl)imino]bisethanol Eye Dam. 1, H318 Acute Tox. 4, H302; Skin Sens. 1, H317 Aquatic Chronic 3, H412	≤2.5%
CAS: 123-31-9 EINECS: 204-617-8 Reg.nr.: 01-2119524016-51-xxxx	1,4-dihydroxybenzene Muta. 2, H341; Carc. 2, H351 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Acute Tox. 4, H302; Skin Sens. 1, H317	<1%

· **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information**

Take affected persons out of danger area and instruct to lie down.

Personal protection for the First Aider.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

(Contd. on page 3)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 13.07.2021

Version number 8

Revision: 13.07.2021

Trade name: Technovit 4000 syrup 2

(Contd. of page 2)

- **After inhalation**
Supply fresh air; consult doctor in case of symptoms.
In case of unconsciousness bring patient into stable side position for transport.
- **After skin contact**
Instantly wash with water and soap and rinse thoroughly.
If skin irritation or rash occurs: Get medical advice/attention.
- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
Remove contact lenses, if present and easy to do. Continue rinsing.
- **After swallowing**
In case of persistent symptoms consult doctor.
Rinse out mouth and then drink plenty of water.
- **4.2 Most important symptoms and effects, both acute and delayed** Allergic reactions
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
 - **Suitable extinguishing agents**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
 - **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture**
Can form explosive gas-air mixtures.
Formation of toxic gases is possible during heating or in case of fire.
Can be released in case of fire
Carbon dioxide (CO₂)
Carbon monoxide (CO)
- **5.3 Advice for firefighters**
 - **Protective equipment:** Wear self-contained breathing apparatus.
 - **Additional information -**

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Avoid contact with eyes and skin.
Ensure adequate ventilation
Keep away from ignition sources
- **6.2 Environmental precautions:** Prevent material from reaching sewage system, holes and cellars.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (diatomite, universal binders, for small amounts tissues).
Send for recovery or disposal in suitable containers.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.
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SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Keep containers tightly sealed.

(Contd. on page 4)

GB

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 13.07.2021

Version number 8

Revision: 13.07.2021

Trade name: Technovit 4000 syrup 2

(Contd. of page 3)

- Avoid contact with eyes and skin.
- Ensure good ventilation/exhaustion at the workplace.
- Prevent formation of aerosols.
- Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
- **Information about protection against explosions and fires:**
 - Keep ignition sources away - Do not smoke.
 - Fumes can combine with air to form an explosive mixture.
 - Do not spray on flames or red-hot objects.
 - Protect against electrostatic charges.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage**

- **Requirements to be met by storerooms and containers:**
 - Store in cool, dry place in tightly closed containers.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

· **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

- **Additional information about design of technical systems:** No further data; see item 7.

· **Components with critical values that require monitoring at the workplace:**

80-62-6 methyl methacrylate

WEL (Great Britain)	Short-term value: 416 mg/m ³ , 100 ppm Long-term value: 208 mg/m ³ , 50 ppm
IOELV (European Union)	Short-term value: 100 ppm Long-term value: 50 ppm

100-42-5 styrene

WEL (Great Britain)	Short-term value: 1080 mg/m ³ , 250 ppm Long-term value: 430 mg/m ³ , 100 ppm
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123-31-9 1,4-dihydroxybenzene

WEL (Great Britain)	Long-term value: 0.5 mg/m ³
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· **DNELs**

80-62-6 methyl methacrylate

Oral	ge.pop., l.te, syst.	8.2 mg/Kg (nd)
Dermal	worker industr., l.te., syst.	13.67 mg/Kg/d (nd)
	ge.pop., l.te, syst.	8.2 mg/Kg/d (nd)
Inhalative	worker industr., acute, local	416 mg/m ³ (nd)
	worker industr., l.te., syst.	348.4 mg/m ³ (nd)
	worker industr., l.te., local	208 mg/m ³ (nd)
	ge.pop., acu., local	208 mg/m ³ (nd)
	ge.pop., l.te, syst.	74.3 mg/m ³ (nd)

100-42-5 styrene

Oral	ge.pop., l.te, syst.	2.1 mg/Kg (nd)
Dermal	worker industr., l.te., syst.	406 mg/Kg/d (nd)
	ge.pop., l.te, syst.	343 mg/Kg/d (nd)
Inhalative	worker industr., acute, syst.	289 mg/m ³ (nd)

(Contd. on page 5)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 13.07.2021

Version number 8

Revision: 13.07.2021

Trade name: Technovit 4000 syrup 2

(Contd. of page 4)

	worker industr., l.te., syst.	85 mg/m ³ (nd)
	worker industr., l.te., local	306 mg/m ³ (nd)
	ge.pop., acu., syst.	174.25 mg/m ³ (nd)
	ge.pop., l.te, syst.	10.2 mg/m ³ (nd)
	ge.pop., l.te, local	182.75 mg/m ³ (nd)

3077-12-1 2,2'-[(4-methylphenyl)imino]bisethanol

Oral	ge.pop., l.te, syst.	0.16 mg/Kg (nd)
Dermal	worker industr., l.te., syst.	0.47 mg/Kg/d (nd)
	ge.pop., l.te, syst.	0.17 mg/Kg/d (nd)
Inhalative	worker industr., l.te., syst.	3.29 mg/m ³ (nd)
	ge.pop., l.te, syst.	0.58 mg/m ³ (nd)

123-31-9 1,4-dihydroxybenzene

Oral	ge.pop., l.te, syst.	0.6 mg/Kg (nd)
Dermal	worker industr., l.te., syst.	3.33 mg/Kg/d (nd)
	ge.pop., l.te, syst.	1.66 mg/Kg/d (nd)
Inhalative	worker industr., l.te., syst.	2.1 mg/m ³ (nd)
	ge.pop., l.te, syst.	1.05 mg/m ³ (nd)

· PNECs

80-62-6 methyl methacrylate

freshwater	0.94 mg/l (aqua)
	0.94 mg/l (nd)
marine water	0.094 mg/l (nd)
STP	10 mg/l (nd)
sedim., dw, fre.wat.	10.2 mg/Kg (nd)
sedim., dw, mar.wat.	0.102 mg/Kg (nd)
soil,dw	1.48 mg/Kg (nd)

100-42-5 styrene

freshwater	0.028 mg/l (nd)
marine water	0.014 mg/l (nd)
STP	5 mg/l (nd)
sedim., dw, fre.wat.	0.614 mg/Kg (nd)
sedim., dw, mar.wat.	0.307 mg/Kg (nd)
soil,dw	0.2 mg/Kg (nd)

3077-12-1 2,2'-[(4-methylphenyl)imino]bisethanol

freshwater	0.026 mg/l (nd)
marine water	0.003 mg/l (nd)
STP	10 mg/l (nd)
sedim., dw, fre.wat.	0.121 mg/Kg (nd)
sedim., dw, mar.wat.	0.012 mg/Kg (nd)
soil,dw	0.009 mg/Kg (nd)

123-31-9 1,4-dihydroxybenzene

freshwater	0.00057 mg/l (nd)
marine water	0.000057 mg/l (nd)
STP	0.71 mg/l (nd)

(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 13.07.2021

Version number 8

Revision: 13.07.2021

Trade name: Technovit 4000 syrup 2

(Contd. of page 5)

sedim., dw, fre.wat.	0.0049 mg/Kg (nd)
sedim., dw, mar.wat.	0.00049 mg/Kg (nd)
soil,dw	0.00064 mg/Kg (nd)

· **Additional information:** The lists that were valid during the compilation were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment**

· **General protective and hygienic measures**

- Keep away from foodstuffs, beverages and food.
- Instantly remove any soiled and impregnated garments.
- Wash hands during breaks and at the end of the work.
- Avoid contact with the eyes and skin.

· **Breathing equipment:**

- Use breathing protection in case of insufficient ventilation.
- Filter A.

· **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

If skin contact cannot be avoided, protective gloves are recommended to avoid possible sensitization.

Solvent resistant gloves

Check protective gloves prior to each use for their proper condition.
recommended

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Fluorocarbon rubber (Viton)

>0,7 mm

· **Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Safety glasses

· **Body protection:** Light weight protective clothing

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

- **Form:** Fluid
- **Colour:** Yellow
Cream coloured

· **Smell:** Characteristic

· **Odour threshold:** Not determined.

· **pH-value:** Not determined.

· **Change in condition**

· **Melting point/freezing point:** Not determined

(Contd. on page 7)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 13.07.2021

Version number 8

Revision: 13.07.2021

Trade name: **Technovit 4000 syrup 2**

(Contd. of page 6)

· Initial boiling point and boiling range:	Not determined
· Flash point:	<20 °C
· Inflammability (solid, gaseous)	Not applicable.
· Ignition temperature:	425 °C
· Decomposition temperature:	Not determined.
· Self-inflammability:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures is possible.
· Critical values for explosion:	
· Lower:	1.2 Vol %
· Upper:	12.5 Vol %
· Steam pressure at 20 °C:	37.8 hPa
· Density	Not determined
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
· Water:	Not miscible or difficult to mix
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
· dynamic:	Not determined.
· kinematic:	Not determined.
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
 - **Conditions to be avoided:** No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** Strong oxidizers
- **10.6 Hazardous decomposition products:** None
- **Additional information:** -

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
 - **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values that are relevant for classification:**

80-62-6 methyl methacrylate

Oral	LD50	~7,900 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rab) (OECD 402)
Inhalative	LC50/4 h	29.8 mg/l (rat)

(Contd. on page 8)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 13.07.2021

Version number 8

Revision: 13.07.2021

Trade name: Technovit 4000 syrup 2

(Contd. of page 7)

100-42-5 styrene

Dermal	LD50	>2,000 mg/kg (rat) (OECD 402)
Inhalative	LC50/4 h	11.8 mg/l (rat)

3077-12-1 2,2'-[(4-methylphenyl)imino]bisethanol

Oral	LD50	959 mg/kg (rat) (OECD 401)
Dermal	LD50	>2,000 mg/kg (rat) (OECD 402)

123-31-9 1,4-dihydroxybenzene

Oral	LD50	>375 mg/kg (rat) (OECD 401)
Dermal	LD50	>2,000 mg/kg (rabbit) (OECD 402)

- **Primary irritant effect:**
 - **Skin corrosion/irritation**
Causes skin irritation.
 - **Serious eye damage/irritation**
Causes serious eye irritation.
 - **Respiratory or skin sensitisation**
May cause an allergic skin reaction.
- **Additional toxicological information:**
 - **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
Repr. 2
 - **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**
Suspected of damaging the unborn child.
 - **STOT-single exposure**
May cause respiratory irritation.
 - **STOT-repeated exposure**
May cause damage to the hearing organs through prolonged or repeated exposure.
 - **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

80-62-6 methyl methacrylate

EC50/21d	49 mg/L (daphnia) (OECD 211)
EC50/48h	69 mg/l (daphnia) (EPA OTS 797.1300)
NOEC / 21d	37 mg/l (daphnia) (OECD 211)
ErC50 / 72 h	>110 mg/l (algae) (OECD 201)
NOEC / 72h	110 mg/l (algae) (OECD 201)
NOEC / 48h	48 mg/l (daphnia) (EPA OTS 797.1300)
EbC50 / 72h	>110 mg/l (algae) (OECD 201)
NOEC/ 35d	9.4 mg/L (fish) (OECD 210)
LC50/ 35d	33.7 mg/L (fish) (OECD 210)

100-42-5 styrene

EL50/48h	4.7 mg/L (daphnia) (OECD 202)
LC50/96h	10 mg/l (fish) (OECD 203)
ErC50 / 72 h	4.9 mg/l (algae) (EPA OTS 797.1050)
NOEC / 48h	1.9 mg/l (daphnia) (OECD 202)

(Contd. on page 9)

GB

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 13.07.2021

Version number 8

Revision: 13.07.2021

Trade name: Technovit 4000 syrup 2

(Contd. of page 8)

3077-12-1 2,2'-[(4-methylphenyl)imino]bisethanol

EC50/48h	48 mg/l (daphnia) (OECD 202)
LC50/96h	>100 mg/l (fish) (OECD 203)
ErC50 / 72 h	>100 mg/l (algae) (OECD 201)
NOEC / 72h	100 mg/l (algae) (OECD 201)

123-31-9 1,4-dihydroxybenzene

EC50/48h	0.134 mg/l (daphnia) (OECD 202)
LC50/96h	0.638 mg/l (fish) (OECD 203)
ErC50 / 72 h	0.33 mg/l (algae) (OECD 201)
NOEC / 48h	0.095 mg/l (daphnia) (OECD 202)

12.2 Persistence and degradability

80-62-6 methyl methacrylate

Biodegradation 94 % /14d (nd) (OECD 301C)

100-42-5 styrene

Biodegradation 70.9-100 % /28d (nd)

3077-12-1 2,2'-[(4-methylphenyl)imino]bisethanol

Biodegradation 1.5 % /29d (nd) (OECD 301D)

123-31-9 1,4-dihydroxybenzene

Biodegradation 70 % /14d (nd) (OECD 301C)

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Do not allow product to reach ground water, water bodies or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into soil.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Small quantities can be polymerized with the matching system component(s) and the cured solid material can be disposed of with the regular garbage. Larger quantities must be disposed of following the regulations of the local authorities.

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

GB
 (Contd. on page 10)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 13.07.2021

Version number 8

Revision: 13.07.2021

Trade name: Technovit 4000 syrup 2

(Contd. of page 9)

SECTION 14: Transport information

· 14.1 UN-Number · ADR, IMDG, IATA	UN1866
· 14.2 UN proper shipping name · ADR · IMDG, IATA	1866 RESIN SOLUTION, special provision 640D RESIN SOLUTION
· 14.3 Transport hazard class(es) · ADR	
	
· Class · Label	3 (F1) Flammable liquids. 3
· IMDG, IATA	
	
· Class · Label	3 Flammable liquids. 3
· 14.4 Packing group · ADR, IMDG, IATA	II
· 14.5 Environmental hazards: · Marine pollutant:	No
· 14.6 Special precautions for user · Kemer Number: · EMS Number: · Stowage Category	Warning: Flammable liquids. 33 F-E,S-E B
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	-
· ADR · Limited quantities (LQ) · Excepted quantities (EQ)	5L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· Transport category · Tunnel restriction code	2 D/E
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	5L Code: E2 Maximum net quantity per inner packaging: 30 ml

(Contd. on page 11)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 13.07.2021

Version number 8

Revision: 13.07.2021

Trade name: Technovit 4000 syrup 2

(Contd. of page 10)

Maximum net quantity per outer
packaging: 500 ml

· **UN "Model Regulation":**

UN 1866 RESIN SOLUTION, SPECIAL
PROVISION 640D, 3, II

SECTION 15: Regulatory information

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

· **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category P5c** FLAMMABLE LIQUIDS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5.000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50.000 t

· **Information about limitation of use:**

- Employment restrictions concerning young persons must be observed.
- Employment restrictions concerning pregnant and lactating women must be observed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H341 Suspected of causing genetic defects.
- H351 Suspected of causing cancer.
- H361d Suspected of damaging the unborn child.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H412 Harmful to aquatic life with long lasting effects.

· **Abbreviations and acronyms:**

- ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- DNEL: Derived No-Effect Level (REACH)
- PNEC: Predicted No-Effect Concentration (REACH)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Flam. Liq. 2: Flammable liquids – Category 2

(Contd. on page 12)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 13.07.2021

Version number 8

Revision: 13.07.2021

Trade name: Technovit 4000 syrup 2

(Contd. of page 11)

Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
Muta. 2: Germ cell mutagenicity – Category 2
Carc. 2: Carcinogenicity – Category 2
Repr. 2: Reproductive toxicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Sources

(EC) 1272/2008: classification, labelling and packaging of substances and mixtures

(EC) 1907/2006: REACH

ADR/RID/ADN - IDMG - IATA: transport of dangerous goods by road, rail, inland waterway, with maritime vessels and for the air transport

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

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