

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

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

1.1 Product identifier

Trade name	SpeedTop Star
Registration number (REACH)	not relevant (mixture)
Unique formula identifier (UFI)	UFI: 77GA-R635-9002-3XXX as indicated on the label

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

Relevant identified uses	Processing aid Observe technical data sheet
Uses advised against	Observe technical data sheet

1.3 Details of the supplier of the safety data sheet

Baumit GmbH
Wopfing 156
A-2754 Waldegg
Austria

Telephone: +43 (0)501 888 0

This number is only available during office hours: Mon - Thu 07:00 AM - 05:00 PM
Fri 07:00 AM - 12:00 PM

e-mail: office@baumit.com

e-mail (competent person) office@baumit.com

1.4 Emergency telephone number

Poison centre			
Country	Name	Postal code/ city	Telephone
Austria	Vergiftungsinformationszentrale an der 1. Medizinischen Universitätsklinik 24h Notruf Mo-So	1090 Wien	+43 (0)1 4064 343-0

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Section	Hazard class	Cat-egory	Hazard class and category	Hazard statement
3.2	skin corrosion/irritation	2	Skin Irrit. 2	H315
3.3	serious eye damage/eye irritation	1	Eye Dam. 1	H318
4.1C	hazardous to the aquatic environment - chronic hazard	3	Aquatic Chronic 3	H412

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

Spillage and fire water can cause pollution of watercourses.

2.2 Label elements

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

- Signal word danger

- Pictograms

GHS05



- Hazard statements

H315 Causes skin irritation.
H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.

- Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
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.
P310 Immediately call a POISON CENTER/doctor.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



baumit.com

SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

- Biocidal Products Regulation (BPR)

Contains:

Biocidal active substances
Name of substance
Acetic acid
Bronopol

2.2.1.7- Hazardous ingredients for labelling Acetic acid

2.3 Other hazards

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0,1\%$.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0,1\%$.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture).

3.2 Mixtures

Description of the mixture:

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Ammonia, aqueous solution	CAS No 1336-21-6 EC No 215-647-6 Index No 007-001-01-2 REACH Reg. No 01-2119982985- 14-xxxx	1 - < 2.5	Skin Corr. 1B / H314 STOT SE 3 / H335 Aquatic Acute 1 / H400	
Essigsäure	CAS No 64-19-7 EC No 200-580-7 Index No 607-002-00-6 REACH Reg. No 01-2119475328- 30-xxxx	1 - < 2.5	Flam. Liq. 3 / H226 Skin Corr. 1A / H314 Eye Dam. 1 / H318	

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Sodium hydroxymethanesulphinate	CAS No 149-44-0 EC No 205-739-4 REACH Reg. No 01-2119487952- 23-xxxx	0.5 – < 1	Acute Tox. 4 / H312 Muta. 2 / H341 Repr. 2 / H361	
Bronopol	CAS No 52-51-7 EC No 200-143-0 Index No 603-085-00-8 REACH Reg. No 01-2119980938- 15-xxxx	< 0.036	Acute Tox. 3 / H301 Acute Tox. 4 / H312 Skin Irrit. 2 / H315 Eye Dam. 1 / H318 STOT SE 3 / H335 Aquatic Acute 1 / H400 Aquatic Chronic 3 / H412	

Name of substance	Specific Conc. Limits	M-Factors	ATE	Exposure route
Ammonia, aqueous solution	STOT SE 3; H335: C ≥ 5 %	-	-	
Sodium hydroxymethanesulphinate	-	-	≥2,000 mg/kg	dermal
Bronopol	-	M-factor (acute) = 10	211 mg/kg 1,100 mg/kg	oral dermal

Remarks

For full text of abbreviations: see SECTION 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

None.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO₂)

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Nitrogen oxides (NO_x)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes, Co-ordinate firefighting measures to the fire surroundings, Do not allow firefighting water to enter drains or water courses, Collect contaminated firefighting water separately, Fight fire with normal precautions from a reasonable distance

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: Sawdust, Kieselgur (diatomite), Sand, Universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

- Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Control of effects

Protect against external exposure, such as

frost

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)											
Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Ceiling-C [ppm]	Ceiling-C [mg/m ³]	Notation	Source
AT	acetic acid	64-19-7	MAK	10	25			20 (5 min)	50 (5 min)		GKV
EU	acetic acid	64-19-7	IOELV	10	25	20	50				2017/164/EU

Notation

Ceiling-C
STEL

ceiling value is a limit value above which exposure should not occur
short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA

time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours
time-weighted average (unless otherwise specified)

Relevant DNELs of components						
Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Bronopol	52-51-7	DNEL	3.5 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



baumit.com

SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

Relevant DNELs of components						
Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Bronopol	52-51-7	DNEL	10.5 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects
Bronopol	52-51-7	DNEL	2.5 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
Bronopol	52-51-7	DNEL	2.5 mg/m ³	human, inhalatory	worker (industry)	acute - local effects
Bronopol	52-51-7	DNEL	2 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Bronopol	52-51-7	DNEL	6 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects
Bronopol	52-51-7	DNEL	8 µg/cm ²	human, dermal	worker (industry)	chronic - local effects
Bronopol	52-51-7	DNEL	8 µg/cm ²	human, dermal	worker (industry)	acute - local effects

Relevant PNECs of components						
Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Sodium hydroxymethanesulphinate	149-44-0	PNEC	0.56 mg/l	aquatic organisms	freshwater	short-term (single instance)
Sodium hydroxymethanesulphinate	149-44-0	PNEC	56 µg/l	aquatic organisms	marine water	short-term (single instance)
Sodium hydroxymethanesulphinate	149-44-0	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Sodium hydroxymethanesulphinate	149-44-0	PNEC	3.79 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Sodium hydroxymethanesulphinate	149-44-0	PNEC	0.38 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Sodium hydroxymethanesulphinate	149-44-0	PNEC	0.43 mg/kg	terrestrial organisms	soil	short-term (single instance)
Bronopol	52-51-7	PNEC	0.01 mg/l	aquatic organisms	freshwater	short-term (single instance)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

Relevant PNECs of components						
Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Bronopol	52-51-7	PNEC	0.001 mg/l	aquatic organisms	marine water	short-term (single instance)
Bronopol	52-51-7	PNEC	0.43 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Bronopol	52-51-7	PNEC	0.041 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Bronopol	52-51-7	PNEC	0.003 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Bronopol	52-51-7	PNEC	0.5 mg/kg	terrestrial organisms	soil	short-term (single instance)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Eye/face protection



Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Colour	amber
Odour	like ammonia
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	100 °C
Flammability	this material is combustible, but will not ignite readily
Lower and upper explosion limit	4 vol% - 19.9 vol%
Flash point	39 °C at 101.3 kPa
Auto-ignition temperature	463 °C
Decomposition temperature	not relevant
pH (value)	10 – 10.5
Kinematic viscosity	not determined
Solubility(ies)	not determined

Partition coefficient

Partition coefficient n-octanol/water (log value)	this information is not available
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Vapour pressure	32 hPa at 25 °C
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Density and/or relative density

Density	1.1 g/cm ³ at 20 °C
Relative vapour density	information on this property is not available

Particle characteristics	not relevant (liquid)
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Safety Data Sheet

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SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

9.2 Other information

Information with regard to physical hazard classes	hazard classes acc. to GHS (physical hazards): not relevant
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Other safety characteristics

Temperature class (EU, acc. to ATEX)	T1 (maximum permissible surface temperature on the equipment: 450°C)
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SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

10.5 Incompatible materials

There is no additional information.

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

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

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification according to GHS (1272/2008/EC, CLP)

Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components			
Name of substance	CAS No	Exposure route	ATE
Sodium hydroxymethanesulphinate	149-44-0	dermal	≥2,000 mg/kg
Bronopol	52-51-7	oral	211 mg/kg
Bronopol	52-51-7	dermal	1,100 mg/kg

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

11.2 Information on other hazards

There is no additional information.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

SECTION 12: Ecological information

12.1 Toxicity

Harmful to aquatic life with long lasting effects.

Aquatic toxicity (chronic) of components					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Sodium hydroxymethanesulphinate	149-44-0	LC50	>10,000 mg/l	fish	1 h
Sodium hydroxymethanesulphinate	149-44-0	EC50	16 mg/l	aquatic invertebrates	21 d
Sodium hydroxymethanesulphinate	149-44-0	EbC50	>17 mg/l	aquatic invertebrates	21 d
Bronopol	52-51-7	LC50	35.7 mg/l	fish	96 d
Bronopol	52-51-7	EC50	0.88 mg/l	aquatic invertebrates	21 d

12.2 Persistence and degradability

Degradability of components						
Name of substance	CAS No	Process	Degradation rate	Time	Method	Source
Bronopol	52-51-7	carbon dioxide generation	70 – 80 %	28 d		ECHA

12.3 Bioaccumulative potential

Data are not available.

Bioaccumulative potential of components				
Name of substance	CAS No	BCF	Log KOW	BOD5/COD
Essigsäure	64-19-7	3.16	-0.17 (pH value: 7, 25 °C)	
Sodium hydroxymethanesulphinate	149-44-0		<0.3 (pH value: 6, 22 °C)	
Bronopol	52-51-7		0.21 (pH value: 5, 24 °C)	

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0,1\%$.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0,1\%$.

12.7 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste codes/waste designations according to LoW

08 01 11*: Waste paint and varnish containing organic solvents or other hazardous substances

* Hazardous waste

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packagings

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

- | | |
|--|---|
| 14.1 UN number or ID number | not subject to transport regulations |
| 14.2 UN proper shipping name | not relevant |
| 14.3 Transport hazard class(es) | none |
| 14.4 Packing group | not assigned |
| 14.5 Environmental hazards | non-environmentally hazardous acc. to the dangerous goods regulations |
| 14.6 Special precautions for user | There is no additional information. |
| 14.7 Maritime transport in bulk according to IMO instruments | The cargo is not intended to be carried in bulk. |

Information for each of the UN Model Regulations

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) - Additional information

Not subject to ADR, RID and ADN.

International Maritime Dangerous Goods Code (IMDG) - Additional information

Not subject to IMDG.

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Not subject to ICAO-IATA.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

SECTION 15: Regulatory information

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

Relevant provisions of the European Union (EU)

Restrictions according to REACH, Annex XVII

Dangerous substances with restrictions (REACH, Annex XVII)							
Name of substance	Name acc. to inventory	CAS No	EC No	Type of registration	Remarks	Restriction	No
SpeedTop Star	this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC			1907/2006/EC annex XVII	Liquid substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: (a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F; (b) hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10; (c) hazard class 4.1; (d) hazard class 5.1.	R3	3

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

Dangerous substances with restrictions (REACH, Annex XVII)

Name of substance	Name acc. to inventory	CAS No	EC No	Type of registration	Remarks	Restriction	No
Essigsäure	flammable / pyrophoric			1907/2006/ EC annex XVII	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	R40	40

Legend

R3

- Shall not be used in:
 - ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
 - tricks and jokes,
 - games for one or more participants, or any article intended to be used as such, even with ornamental aspects,
- Articles not complying with paragraph 1 shall not be placed on the market.
- Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they:
 - can be used as fuel in decorative oil lamps for supply to the general public, and
 - present an aspiration hazard and are labelled with H304.
- Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN).
- Without prejudice to the implementation of other Union provisions relating to the classification, labelling and packaging of substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met:
 - lamp oils, labelled with H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: "Keep lamps filled with this liquid out of the reach of children"; and, by 1 December 2010, "Just a sip of lamp oil – or even sucking the wick of lamps – may lead to life-threatening lung damage";
 - grill lighter fluids, labelled with H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: "Just a sip of grill lighter fluid may lead to life threatening lung damage";
 - lamps oils and grill lighters, labelled with H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.;

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

Legend

- R40
1. Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:
 - metallic glitter intended mainly for decoration,
 - artificial snow and frost,
 - 'whoopee' cushions,
 - silly string aerosols,
 - imitation excrement,
 - horns for parties,
 - decorative flakes and foams,
 - artificial cobwebs,
 - stink bombs.
 2. Without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with:
'For professional users only'.
 3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to Article 8 (1a) of Council Directive 75/324/EEC (2).
 4. The aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated.

List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list

none of the ingredients are listed

Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

none of the ingredients are listed

Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

none of the ingredients are listed

Water Framework Directive (WFD)

List of pollutants (WFD)			
Name of substance	CAS No	Listed in	Remarks
Ammonia, aqueous solution		a)	
Sodium hydroxymethanesulphinate		a)	
Bronopol		a)	

Legend

a) Indicative list of the main pollutants

Regulation on the marketing and use of explosives precursors

Not relevant.

Regulation on persistent organic pollutants (POP)

none of the ingredients are listed

National regulations (Austria)

Ordinance on combustible liquids (VbF)

- VbF (group and hazard class) AII (combustible liquids of group A, hazard class II)

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

SECTION 16: Other information

Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
2.2		- Precautionary statements: change in the listing (table)	yes
2.3	Results of PBT and vPvB assessment: Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0,1\%$.	Results of PBT and vPvB assessment: Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0,1\%$.	yes
2.3	Endocrine disrupting properties: Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0,1\%$.	Endocrine disrupting properties: Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0,1\%$.	yes
3.2		Description of the mixture:: change in the listing (table)	yes
3.2		Remarks: For full text of abbreviations: see SECTION 16	yes
12.5	Results of PBT and vPvB assessment: According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0,1\%$.	Results of PBT and vPvB assessment: According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0,1\%$.	yes
12.6	Endocrine disrupting properties: Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0,1\%$.	Endocrine disrupting properties: Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0,1\%$.	yes
13.1	Waste codes/waste designations according to LoW: Other wastes containing hazardous substances 11 01 98*: Other wastes containing hazardous substances Organic wastes containing hazardous substances * Hazardous waste	Waste codes/waste designations according to LoW: 08 01 11*: Waste paint and varnish containing organic solvents or other hazardous substances * Hazardous waste	yes
16		Abbreviations and acronyms: change in the listing (table)	yes

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
2017/164/EU	Commission Directive establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU
Acute Tox.	Acute toxicity
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)
Aquatic Acute	Hazardous to the aquatic environment - acute hazard
Aquatic Chronic	Hazardous to the aquatic environment - chronic hazard
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BOD	Biochemical Oxygen Demand
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
COD	Chemical oxygen demand
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EbC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
ED	Endocrine disruptor
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
Eye Dam.	Seriously damaging to the eye

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

Abbr.	Descriptions of used abbreviations
Eye Irrit.	Irritant to the eye
Flam. Liq.	Flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
GKV	Grenzwerteverordnung
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
index No	The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008
IOELV	Indicative occupational exposure limit value
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
log KOW	n-Octanol/water
LoW	List of Wastes
M-factor	Means a multiplying factor. It is applied to the concentration of a substance classified as hazardous to the aquatic environment acute category 1 or chronic category 1, and is used to derive by the summation method the classification of a mixture in which the substance is present
Muta.	Germ cell mutagenicity
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
Repr.	Reproductive toxicity
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
STEL	Short-term exposure limit

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



SpeedTop Star

Version number: GHS 7.0
Replaces version of: 07/19/2023 (GHS 6)

Revision
04/11/2024

Abbr.	Descriptions of used abbreviations
STOT SE	Specific target organ toxicity - single exposure
SVHC	Substance of Very High Concern
TWA	Time-weighted average
VbF	Ordinance on combustible liquids (Austria)
vPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H361	Suspected of damaging fertility or the unborn child.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.