

# Safety Data Sheet

According to Regulation (EC) No 1907/2006

## Sprint Glass Cleaner

Revision: 2022-12-01

Version: 04.2

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

#### 1.1 Product identifier

Trade name: Sprint Glass Cleaner

UFI: A126-705E-C00Q-C0N2

Uses advised against:

1.2 Relevant identified uses of the substance or mixture and uses advised against Product use: Glass cleaner.

Hard surface cleaner. For professional use only. Uses other than those identified are not recommended.

SWED - Sector-specific worker exposure description : AISE\_SWED\_PW\_10\_1 AISE\_SWED\_PW\_11\_1 AISE\_SWED\_PW\_19\_1

**1.3 Details of the supplier of the safety data sheet** Diversey Europe Operations BV, Maarssenbroeksedijk 2, 3542DN Utrecht, The Netherlands Tel: 01 8081808 (9am - 5pm Mon-Fri) Email: dublin.orders@diversey.com

### 1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible). National Poisons Information Centre Tel: 01 809 2166. (8.00 a.m. to 10.00 p.m. 7 days a week) Tel: 01 809 2566 (health care professionals).

## SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Not classified as hazardous

2.2 Label elements Further indications on the label: Contains: preservative.

2.3 Other hazards

No other hazards known.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Ingredient(s)	EC number	CAS number	REACH number	Classification	Notes	Weight percent
1,2-benzisothiazol-3(2H)-one	220-120-9	2634-33-5	[6]	Acute Tox. 2 (H330) Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)		< 0.01

Workplace exposure limit(s), if available, are listed in subsection 8.1.

ATE, if available, are listed in section 11.

[6] Exempted: biocidal active. See Article 15(2) of Regulation (EC) No 1907/2006.

For the full text of the H and EUH phrases mentioned in this Section, see Section 16..

## SECTION 4: First aid measures

4.1 Description of first aid measure	es
Inhalation:	Get medical attention or advice if you feel unwell.
Skin contact:	Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention.
Eye contact:	Rinse cautiously with water for several minutes. If irritation occurs and persists, get medical attention.
Ingestion:	Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Get medical attention or advice if you feel unwell.
Self-protection of first aider:	Consider personal protective equipment as indicated in subsection 8.2.
4.2 Most important symptoms and	effects, both acute and delayed
Inhalation:	No known effects or symptoms in normal use.

Inhalation:	No known effects or symptoms in normal use.
Skin contact:	No known effects or symptoms in normal use.
Eye contact:	No known effects or symptoms in normal use.
Ingestion:	No known effects or symptoms in normal use.

**4.3 Indication of any immediate medical attention and special treatment needed** No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

## **SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

## 5.2 Special hazards arising from the substance or mixture

No special hazards known.

### 5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

No special measures required.

## 6.2 Environmental precautions

Dilute with plenty of water. Do not allow to enter drainage system, surface or ground water.

#### 6.3 Methods and material for containment and cleaning up

Dyke to collect large liquid spills. Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust). Do not place spilled materials back into the original container. Collect in closed and suitable containers for disposal.

#### 6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

## SECTION 7: Handling and storage

## 7.1 Precautions for safe handling

Measures to prevent fire and explosions:

No special precautions required.

## Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

## Advices on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety practice. Do not mix with other products unless adviced by Diversey. Do not breathe spray.

## 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local and national regulations. Store in a closed container. Keep only in original packaging. For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

## 7.3 Specific end use(s)

No specific advice for end use available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters Workplace exposure limits

Air limit values, if available:

Biological limit values, if available:

## Recommended monitoring procedures, if available:

Additional exposure limits under the conditions of use, if available:

## DNEL/DMEL and PNEC values

#### Human exposure DNEL/DMEL oral exposure - Consumer (mg/kg bw)

Ingredient(s)	Short term - Local	Short term - Systemic	Long term - Local	Long term - Systemic
	effects	effects	effects	effects
1,2-benzisothiazol-3(2H)-one	-	-	-	-

#### DNEL/DMEL dermal exposure - Worker

Ingredient(s)	Short term - Local	Short term - Systemic	Long term - Local	Long term - Systemic
	effects	effects (mg/kg bw)	effects	effects (mg/kg bw)
1,2-benzisothiazol-3(2H)-one	-	-	-	-

## DNEL/DMEL dermal exposure - Consumer

Ingredient(s)	Short term - Local	Short term - Systemic	Long term - Local	Long term - Systemic
	effects	effects (mg/kg bw)	effects	effects (mg/kg bw)
1,2-benzisothiazol-3(2H)-one	-	-	-	-

## DNEL/DMEL inhalatory exposure - Worker (mg/m<sup>3</sup>)

Ingredient(s)	Short term - Local	Short term - Systemic	Long term - Local	Long term - Systemic
	effects	effects	effects	effects
1,2-benzisothiazol-3(2H)-one	-	-	-	-

## DNEL/DMEL inhalatory exposure - Consumer (mg/m<sup>3</sup>)

Ingredient(s)	Short term - Local	Short term - Systemic	Long term - Local	Long term - Systemic
	effects	effects	effects	effects
1,2-benzisothiazol-3(2H)-one	-	-	-	-

#### Environmental exposure Environmental exposure - PNEC

Ingredient(s)	Surface water, fresh (mg/l)	Surface water, marine (mg/l)	Intermittent (mg/l)	Sewage treatment plant (mg/l)
1,2-benzisothiazol-3(2H)-one	0.0026	0.00026	-	0.055

## Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m³)
1,2-benzisothiazol-3(2H)-one	0.0132	-	0.33	-

## 8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet. If available, please refer to the product information sheet for application and handling instructions. Normal use conditions are assumed for this section.

Recommended safety measures for handling the <u>undiluted</u> product:

Appropriate engineering controls:	
Appropriate organisational controls:	

Provide a good standard of general ventilation.

ational controls: No special requirements under normal use conditions.

## REACH use scenarios considered for the undiluted product:

	SWED - Sector-specific	LCS	PROC	Duration	ERC
	worker exposure			(min)	
	description				
Manual application by brushing, wiping or mopping	AISE_SWED_PW_10_1	PW	PROC 10	480	ERC8a
Trigger spray application	AISE_SWED_PW_11_1	PW	PROC 11	60	ERC8a
Manual application	AISE_SWED_PW_19_1	PW	PROC 19	480	ERC8a

Personal protective equipment	
Eye / face protection:	Safety glasses are not normally required. However, their use is recommended in those cases where splashes may occur when handling the product (EN 166).
Hand protection:	No special requirements under normal use conditions.
Body protection:	No special requirements under normal use conditions.
Respiratory protection:	Trigger spray bottle application: No special requirements under normal use conditions. Apply technical measures to comply with the occupational exposure limits, if available.
Environmental exposure controls:	No special requirements under normal use conditions.

## **SECTION 9: Physical and chemical properties**

### 9.1 Information on basic physical and chemical properties Information in this section refers to the product, unless it is specifically stated that substance data is listed

Physical state: Liquid Colour: Clear , Light , Blue Odour: Product specific Odour threshold: Not applicable Melting point/freezing point (°C): Not determined Initial boiling point and boiling range (°C): Not determined Method / remark

Not relevant to classification of this product See substance data

Ingredient(s)	Value (°C)	Method	Atmospheric pressure (hPa)
1,2-benzisothiazol-3(2H)-one	No data available		

	Method / remark
Flammability (solid, gas): Not applicable to liquids	
Flammability (liquid): Not flammable.	
Flash point (°C): > 60 °C	closed cup
Sustained combustion: Not applicable.	
( UN Manual of Tests and Criteria, section 32, L.2 )	
Lower and upper explosion limit/flammability limit (%): Not determined	
Substance data, flammability or explosive limits, if available:	
	Method / remark
Autoignition temperature: Not determined	
Decomposition temperature: Not applicable.	
<b>pH:</b> ≈ 7 (neat)	ISO 4316
Kinematic viscosity: Not determined	
Solubility in / Miscibility with water: Fully miscible	

Substance data, solubility in water

Ingredient(s)	Value (g/l)	Method	Temperature (°C)
1,2-benzisothiazol-3(2H)-one	No data available		

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

## Vapour pressure: Not determined

Method / remark

See substance data

Substance data, vapour pressure

Ingredient(s)	Value (Pa)	Method	Temperature (°C)
1,2-benzisothiazol-3(2H)-one	No data available		

Relative density: ≈ 1.00 (20 °C) Relative vapour density: -. Particle characteristics: No data available.

9.2 Other information
9.2.1 Information with regard to physical hazard classes
Explosive properties: Not explosive.
Oxidising properties: Not oxidising.
Corrosion to metals: Not corrosive

9.2.2 Other safety characteristics

## Method / remark

OECD 109 (EU A.3) Not relevant to classification of this product Not applicable to liquids. No other relevant information available.

## SECTION 10: Stability and reactivity

## 10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

#### 10.2 Chemical stability

Stable under normal storage and use conditions.

#### 10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

## 10.4 Conditions to avoid

None known under normal storage and use conditions.

#### 10.5 Incompatible materials

None known under normal use conditions.

## 10.6 Hazardous decomposition products

None known under normal storage and use conditions.

## **SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

Mixture data:.

## Relevant calculated ATE(s):

ATE - Oral (mg/kg): >2000

Substance data, where relevant and available, are listed below:.

#### Acute toxicity Acute oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)	ATE (mg/kg)
1,2-benzisothiazol-3(2H)-one	LD 50	> 2000	Rat			1e+007

Acute dermal toxicity

Ingredient(s)	Endpoint	Value	Species	Method	Exposure	ATE
		(mg/kg)			time (h)	(mg/kg)
1,2-benzisothiazol-3(2H)-one	LD 50	> 2000	Rat	OECD 402 (EU B.3)		Not established

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value	Species	Method	Exposure
		(mg/l)			time (h)
1,2-benzisothiazol-3(2H)-one		No data			
		available			

## Acute inhalative toxicity, continued

Ingredient(s)	ATE - inhalation, dust	ATE - inhalation, mist	ATE - inhalation,	ATE - inhalation, gas
	(mg/l)	(mg/l)	vapour (mg/l)	(mg/l)
1,2-benzisothiazol-3(2H)-one	Not established	1000	Not established	Not established

#### Irritation and corrosivity Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
1,2-benzisothiazol-3(2H)-one	Corrosive		Method not given	

### Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
1,2-benzisothiazol-3(2H)-one	Severe damage		Method not given	

Respiratory tract irritation and corrosivity				
Ingredient(s)	Result	Species	Method	Exposure time

1,2-benzisothiazol-3(2H)-one	No data available		

Sensitisation

Sensitisation by skin contact				
Ingredient(s)	Result	Species	Method	Exposure time (h)
1,2-benzisothiazol-3(2H)-one	Sensitising	Guinea pig		

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
1,2-benzisothiazol-3(2H)-one	No data available			

#### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction) Mutagenicity

Ingredient(s)	Result (in-vitro)	Method	Result (in-vivo)	Method
		(in-vitro)		(in-vivo)
1,2-benzisothiazol-3(2H)-one	No evidence for mutagenicity, negative	OECD 471 (EU	No data available	
	test results	B.12/13)		

Carcinogenicity

Ingredient(s)	Effect
1,2-benzisothiazol-3(2H)-one	No data available

Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
1,2-benzisothiazol-3(2H			No data				
)-one			available				

#### Repeated dose toxicity Sub-acute or sub-chronic oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (davs)	Specific effects and organs affected
1,2-benzisothiazol-3(2H)-one		No data				
		available				

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
1,2-benzisothiazol-3(2H)-one		No data				
		available				

Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value	Species	Method	Exposure	Specific effects and organs
		(mg/kg bw/d)			time (days)	affected
1,2-benzisothiazol-3(2H)-one		No data				
		available				

Chronic toxicity

Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
1,2-benzisothiazol-3(2H			No data					
)-one			available					

STOT-single exposure

Ingredient(s)	Affected organ(s)
1,2-benzisothiazol-3(2H)-one	No data available

#### STOT-repeated exposure

Ingredient(s)	Affected organ(s)
1,2-benzisothiazol-3(2H)-one	No data available

## Aspiration hazard

Substances with an aspiration hazard (H304), if any, are listed in section 3.

## Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

## 11.2 Information on other hazards

**11.2.1 Endocrine disrupting properties** Endocrine disrupting properties - Human data, if available:

## 11.2.2 Other information

No other relevant information available.

## **SECTION 12: Ecological information**

## 12.1 Toxicity

No data is available on the mixture.

Substance data, where relevant and available, are listed below:

#### Aquatic short-term toxicity Aquatic short-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
1,2-benzisothiazol-3(2H)-one	LC 50	2.18	Oncorhynchus mykiss	OECD 203 (EU C.1)	

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
1,2-benzisothiazol-3(2H)-one	EC 50	2.94	Daphnia	OECD 202 (EU C.2)	48

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
1,2-benzisothiazol-3(2H)-one	Er C 50	0.11		OECD 201 (EU C.3)	72

Aquatic short-term toxicity - marine species								
Ingredient(s)	Endpoint	Value	Species	Method	Exposure			
		(mg/l)			time (days)			
1,2-benzisothiazol-3(2H)-one		No data						
		available						

## Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
1,2-benzisothiazol-3(2H)-one	EC 20	3.3	Activated sludge	OECD 209	3 hour(s)

#### Aquatic long-term toxicity Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
1,2-benzisothiazol-3(2H)-one		No data available				

#### Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
1,2-benzisothiazol-3(2H)-one		No data available				

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw sediment)	Species	Method	Exposure time (days)	Effects observed
1,2-benzisothiazol-3(2H)-one		No data				
		available				

## **Terrestrial toxicity**

Terrestrial toxicity - soil invertebrates, including earthworms, if available:

Terrestrial toxicity - plants, if available:

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

## 12.2 Persistence and degradability

Abiotic degradation Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

## Biodegradation

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT 50	Method	Evaluation
1,2-benzisothiazol-3(2H)-one	Adapted activated sludge	CO <sub>2</sub> production	62% in 4 day(s)	OECD 301C	Not readily biodegradable.

Ready biodegradability - anaerobic and marine conditions, if available:

## Degradation in relevant environmental compartments, if available:

Ingredient(s)	Medium & Type	Analytical method	DT 50	Method	Evaluation
1,2-benzisothiazol-3(2H)-one	Sewage treatment plant simulation	Primary degradation	> 90%	OECD 303A	Biodegradable

## 12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)									
Ingredient(s)	Value	Method	Evaluation	Remark					
1,2-benzisothiazol-3(2H)-one	0.7	OECD 107	No bioaccumulation expected						

## Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
1,2-benzisothiazol-3(2H	6.95		OECD 305		
)-one					

## 12.4 Mobility in soil

oroption/Desorption to soil or sediment					
Ingredient(s)	Adsorption coefficient Log Koc	Desorption coefficient Log Koc(des)	Method	Soil/sediment type	Evaluation
1,2-benzisothiazol-3(2H)-one	No data available				

## 12.5 Results of PBT and vPvB assessment

Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

#### 12.6 Endocrine disrupting properties

Endocrine disrupting properties - Environmental effects, if available:

#### 12.7 Other adverse effects

No other adverse effects known.

## **SECTION 13: Disposal considerations**

13.1 Waste treatment methods	The concentrated contents or contaminated packaging should be disposed of by a certified handler
Waste from residues / unused	or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging
products:	material is suitable for energy recovery or recycling in line with local legislation.
European Waste Catalogue:	20 01 30 - detergents other than those mentioned in 20 01 29.
Empty packaging Recommendation: Suitable cleaning agents:	Dispose of observing national or local regulations. Water, if necessary with cleaning agent.

## **SECTION 14: Transport information**

Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)

14.1 UN number: Non-dangerous goods

- 14.2 UN proper shipping name: Non-dangerous goods
- 14.3 Transport hazard class(es): Non-dangerous goods

14.4 Packing group: Non-dangerous goods

14.5 Environmental hazards: Non-dangerous goods

14.6 Special precautions for user: Non-dangerous goods

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: Non-dangerous goods

## SECTION 15: Regulatory information

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

### **EU regulations:**

- Regulation (EC) No. 1907/2006 REACH
- Regulation (EC) No 1272/2008 CLP
- Regulation (EC) No. 648/2004 Detergents regulation
- substances identified as having endocrine disrupting properties in accordance with the criteria set out in Delegated Regulation (EU) 2017/2100 or Regulation

(EU) 2018/605

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)

International Maritime Dangerous Goods (IMDG) Code

Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII): Not applicable.

Ingredients according to EC Detergents Regulation 648/2004 Phenoxyethanol, perfumes, Benzisothiazolinone

Seveso - Classification: Not classified

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture

## SECTION 16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

SDS code: MSDS6551

Version: 04.2

Revision: 2022-12-01

#### Reason for revision:

This data sheet contains changes from the previous version in section(s):, 1, 3, 8, 16, Overall design adjusted in accordance with Amendment 2020/878, Annex II of Regulation (EC) No 1907/2006

#### **Classification procedure**

The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No 1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet. See section 9 for physical chemical properties, section 11 for toxicological information and section 12 for ecological information.

## Full text of the H and EUH phrases mentioned in section 3:

- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- · H318 Causes serious eye damage. • H330 - Fatal if inhaled.
- H400 Very toxic to aquatic life.
- · H410 Very toxic to aquatic life with long lasting effects.
- Abbreviations and acronyms:
- · AISE The international Association for Soaps, Detergents and Maintenance Products
- · ATE Acute Toxicity Estimate
- DNEL Derived No Effect Limit
- EC50 effective concentration, 50%
- ERC Environmental release categories EUH CLP Specific hazard statement
- LC50 Lethal Concentration, 50% / Median Lethal Concentration
- LCS Life cycle stage
   LD50 Lethal Dose, 50% / Median Lethal dose
- · NOAEL No observed adverse effect level
- NOEL No observed effect level

- OECD Organisation for Economic Cooperation and Development
  PBT Persistent, Bioaccumulative and Toxic
  PNEC Predicted No Effect Concentration
  PROC Process categories
  REACH number REACH registration number, without supplier specific part
  vPvB very Persistent and very Bioaccumulative

End of Safety Data Sheet