

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.03.2024

Version number 1

Revision: 18.03.2024

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

- **1.1 Product identifier**
- **Trade name:** SP201
- **Article number:** 6803XX
- **UFI:** M4Y3-Y0JM-N004-DURO
- **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** Cleaning agent/ Cleaner
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Chemische Fabrik Dr. Stöcker GmbH & Co. KG
Gewerbstrasse 19-25
D-55546 Pfaffen-Schwabenheim
+49 (0)6701 911780
- **Further information obtainable from:**
Safety Department
sicherheit@dr-stoecker.de
- **1.4 Emergency telephone number:**
INTERNATIONAL: +49 (0) 6132 / 84463 (GBK Gefahrgut Büro GmbH, Ingelheim)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
Skin Irrit. 2 H315 Causes skin irritation.
Eye Dam. 1 H318 Causes serious eye damage.
- **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**



GHS05

- **Signal word** *Danger*
- **Hazard-determining components of labelling:**
Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts
disodium metasilicate
Silicic acid, sodium salt
- **Hazard statements**
H315 Causes skin irritation.
H318 Causes serious eye damage.
- **Precautionary statements**
P280 Wear protective gloves / eye protection / face protection.
P302+P352 IF ON SKIN: Wash with plenty of 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.
P310 Immediately call a POISON CENTER/doctor.
P332+P313 If skin irritation occurs: Get medical advice/attention.

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- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 497-19-8 EINECS: 207-838-8 Reg.nr.: 01-2119485498-19	sodium carbonate Eye Irrit. 2, H319	≥10-≤50%
CAS: 68411-30-3 EINECS: 270-115-0 Reg.nr.: 01-2119489428-22	Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	≥3-≥10%
CAS: 6834-92-0 EINECS: 229-912-9	disodium metasilicate Met. Corr. 1, H290; Skin Corr. 1B, H314; Acute Tox. 4, H302; STOT SE 3, H335	≥3-≥5%
CAS: 1344-09-8 EINECS: 215-687-4	Silicic acid, sodium salt Eye Dam. 1, H318; Skin Irrit. 2, H315	≥1-≥3%
CAS: 160901-19-9 NLP: 500-457-0	Alcohols, C12-13, branched and linear, ethoxylated Aquatic Acute 1, H400; Aquatic Chronic 2, H411	≥0,1-≥1%
CAS: 123-92-2 EINECS: 204-662-3 Reg.nr.: 01-2119548408-32	isopentyl acetate Flam. Liq. 3, H226, EUH066	≥0-≤2,5%
CAS: 624-41-9 EINECS: 210-843-8	2-methylbutyl acetat Flam. Liq. 3, H226, EUH066	≥0-≤2,5%

- **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**
- **After inhalation:**
In case of unconsciousness place patient stably in side position for transportation.
Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Seek immediate medical advice.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

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SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.
- **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:** Ensure adequate ventilation.
- **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 disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of dust.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Protect from frost.
Protect from heat and direct sunlight.
- **Storage class:** 11
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

123-92-2 isopentyl acetate

AGW (Germany)	Long-term value: 270 mg/m ³ , 50 ppm
	I(I);DFG, EU

624-41-9 2-methylbutyl acetat

AGW (Germany)	Long-term value: 270 mg/m ³ , 50 ppm
	I(I);DFG, Y

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· DNELs		
497-19-8 sodium carbonate		
Inhalative	Long-term - local effects, worker	10 mg/m ³ (worker)
	Acute - local effects, general population	10 mg/m ³ (general population)
68411-30-3 Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts		
Oral	Long term - systemic effects, general population	0,425 mg/kg bw/day (general population)
Dermal	Long-term - systemic effects, worker	119 mg/kg bw/day (worker)
	Long term - systemic effects, general population	42,5 mg/kg bw/day (general population)
Inhalative	Long-term - systemic effects, worker	7,6 mg/m ³ (worker)
	Long term - systemic effects, general population	1,3 mg/m ³ (general population)
1344-09-8 Silicic acid, sodium salt		
Oral	Long term - systemic effects, general population	0,8 mg/kg bw/day (general population)
Dermal	Long-term - systemic effects, worker	1,59 mg/kg bw/day (worker)
	Long term - systemic effects, general population	0,8 mg/kg bw/day (general population)
Inhalative	Long-term - systemic effects, worker	5,61 mg/m ³ (worker)
	Long term - systemic effects, general population	1,38 mg/m ³ (general population)
· PNECs		
68411-30-3 Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts		
Aquatic compartment - freshwater		0,268 mg/l (freshwater)
Aquatic compartment - marine water		0,0268 mg/l (marine water)
Aquatic compartment - sediment in freshwater		8,1 mg/kg sed dw (sediment fresh water)
Aquatic compartment - sediment in marine water		6,8 mg/kg sed dw (sediment marine water)
Terrestrial compartment - soil		35 mg/kg dw (soil)
sewage treatment plant		3,43 mg/l (sewage treatment plant)
1344-09-8 Silicic acid, sodium salt		
Aquatic compartment - freshwater		7,5 mg/l (freshwater)
Aquatic compartment - marine water		1 mg/l (marine water)
Aquatic compartment - water, intermittent releases		7,5 mg/l (intermittent release water)
sewage treatment plant		348 mg/l (sewage treatment plant)

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

· 8.2 Exposure controls

· **Appropriate engineering controls** No further data; see section 7.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Do not eat, drink, smoke or sniff while working.

· **Respiratory protection:** Not required.

· **Hand protection** Protective gloves

· **Material of gloves**

Butyl rubber

Recommended material thickness: $\geq 0.3\text{mm}$

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

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application.

- **Penetration time of glove material**

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

- **Eye/face protection** Tightly sealed goggles

SECTION 9: Physical and chemical properties

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

- **General Information**

- **Physical state**

Solid

- **Colour:**

White

- **Odour:**

Characteristic

- **Odour threshold:**

No further relevant information available.

- **Melting point/freezing point:**

No further relevant information available.

- **Boiling point or initial boiling point and boiling range**

No further relevant information available.

- **Flammability**

Not applicable.

- **Lower and upper explosion limit**

- **Lower:**

Not applicable.

- **Upper:**

Not applicable.

- **Flash point:**

>60 °C

- **Auto-ignition temperature:**

No further relevant information available.

- **Decomposition temperature:**

No further relevant information available.

- **pH at 20 °C**

10,5 (1%) (DIN 19268)

- **Viscosity:**

- **Kinematic viscosity**

Not applicable.

- **Kinematic viscosity**

No further relevant information available.

- **Dynamic:**

No further relevant information available.

- **Solubility**

- **water:**

Fully miscible.

- **Partition coefficient n-octanol/water (log value)**

Does not apply to mixtures.

- **Vapour pressure:**

Not applicable.

- **Density and/or relative density**

- **Density at 20 °C:**

0,4-0,7 g/cm³ (DIN 51757)

- **Relative density**

No further relevant information available.

- **Vapour density**

Not applicable.

- **Particle characteristics**

See section 3.

- **9.2 Other information**

- **Appearance:**

- **Form:**

Powder

- **Ignition temperature:**

Product is not selfigniting.

- **Explosive properties:**

Product does not present an explosion hazard.

- **Molecular formula**

- **Oxidising properties**

No further relevant information available.

- **Evaporation rate**

No further relevant information available.

- **Information with regard to physical hazard classes**

- **Explosives**

Void

- **Flammable gases**

Void

- **Aerosols**

Void

- **Oxidising gases**

Void

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· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / 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:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

497-19-8 sodium carbonate

Oral	LD50	2.800 mg/kg (rat)
Dermal	LD50	>2.000 mg/kg (rat) (16 CFR 1500.40)
Inhalative	LC50/2 h	>2.000 mg/kg (rabbit)
		2,3 mg/l (rat)

68411-30-3 Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts

Oral	LD50	1.080 mg/kg (rat)
Dermal	LD50	>2.000 mg/kg (rat)

6834-92-0 disodium metasilicate

Oral	LD50	1.280 mg/kg (rat)
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1344-09-8 Silicic acid, sodium salt

Oral	LD50	>2.000 mg/kg (rat)
Dermal	LD50	>5.000 mg/kg (rat)

160901-19-9 Alcohols, C12-13, branched and linear, ethoxylated

Oral	LD50	>10.000 mg/kg (rat) (OECD 401)
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123-92-2 isopentyl acetate

Oral	LD50	16.000 mg/kg (rat)
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- **Skin corrosion/irritation** Causes skin irritation.
- **Serious eye damage/irritation** Causes serious eye damage.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

497-19-8 sodium carbonate

LC50/96 h 300 mg/l (*Lepomis macrochirus*)EC50/48 h 200-227 mg/l (*Ceriodaphnia dubia*)

68411-30-3 Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts

NOEC 28 d >0,1-1 mg/l (*Lepomis macrochirus*)LC50/96 h 1-10 mg/l (*Cyprinus carpio*)EC50/48 h 2,4 mg/l (*Daphnia magna*)EC50/72 h 10-100 mg/l (*Scenedesmus subspicatus*)

1344-09-8 Silicic acid, sodium salt

LC50/96 h >1.000 mg/l (fish)

EC50 >100 mg/l (algae)

>100 mg/l (*Daphnia magna*)

160901-19-9 Alcohols, C12-13, branched and linear, ethoxylated

EC10 1.643 mg/l (fish)

0,328 mg/l /28d (*Pimephlas promelas*)EC50/48 h 0,238 mg/l (*Daphnia magna*)

EC50/96 h 1,19 mg/l (fish)

EC50/72 h 0,179 mg/l (algae)

- **12.2 Persistence and degradability**

68411-30-3 Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts

OECD 301 B >60 % ()

- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.

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- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- **14.1 UN number or ID number**
- **ADR, IMDG, IATA** Void
- **14.2 UN proper shipping name**
- **ADR, IMDG, IATA** Void
- **14.3 Transport hazard class(es)**
- **ADR, ADN, IMDG, IATA**
- **Class** Void
- **14.4 Packing group**
- **ADR, IMDG, IATA** Void
- **14.5 Environmental hazards:** Not applicable.
- **14.6 Special precautions for user** Not applicable.
- **14.7 Maritime transport in bulk according to IMO instruments** Not applicable.
- **UN "Model Regulation":** Void

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.
- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**
None of the ingredients is listed.
- **REGULATION (EU) 2019/1148**
- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**
None of the ingredients is listed.
- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**
None of the ingredients is listed.

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· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

· **National regulations:**

· **Other regulations, limitations and prohibitive regulations**

822.115, Jugendarbeitsschutzverordnung - ArGV 5 und 822.115.2, Verordnung des WBF über gefährliche Arbeiten für Jugendliche sind zu beachten.

ArGV 1 und 822.111.52, Verordnung des WBF über gefährliche und beschwerliche Arbeiten bei Schwangerschaft und Mutterschaft sind zu beachten.

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

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

· **Relevant phrases**

H226 Flammable liquid and vapour.

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

· **Classification according to Regulation (EC) No 1272/2008**

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

· **Department issuing SDS:** Department R&D

· **Contact:** Department R&D

· **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. 3: Flammable liquids – Category 3

Met. Corr.1: Corrosive to metals – Category 1

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*Acute Tox. 4: Acute toxicity – Category 4**Skin Corr. 1B: Skin corrosion/irritation – Category 1B**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**STOT SE 3: Specific target organ toxicity (single exposure) – Category 3**Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1**Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2**Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3***Sources***(EC) No 1907/2006 (REACH) as amended.**(EC) No. 1272/2008 (CLP) in the valid version**Guidance on the compilation of safety data sheets as amended (ECHA)**Guidance on labelling and packaging according to Regulation (EC) No 1272/2008 (CLP) as amended (ECHA)**Safety data sheets of the ingredients**ECHA homepage - Information on chemicals*

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