

MATERIAL SAFETY DATA SHEET

According to 1907/2006/EC (REACH), 2020/878 of 18 June 2020

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

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1.1. Product identifier

Washing powder color

UFI: NS30-F04X-J00P-X25N

1.2. Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses: for washing in all types of washing machines and for hand washing.
Uses advised against: not determined.

1.3. Details of the supplier of the safety data sheet

SPARTAN CLEANER SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ

Jana Wyplera 14 B/3

40-860 Katowice

e-mail: patrycja.wasiak@spartancleaner.com

1.4. Emergency telephone number

112 - the emergency number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Eye Irrit. 2 H319 - Causes serious eye irritation.

2.2. Label elements



Signal word: **Warning**

Hazard statements

H319 - Causes serious eye irritation.

Precautionary statements

P102 - Keep out of reach of children.

P264 – Wash hands thoroughly after handling.

P280 - Wear 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.

P337 + P313 - If eye irritation persists: Get medical advice/attention.

Detergent content according to Regulation 648/2004/EC:

Ingredients: <5% anionic surfactants, <5% non-ionic surfactants, <5% soap, <5% oxygen-based bleaching agents, perfumes.

MATERIAL SAFETY DATA SHEET

According to 1907/2006/EC (REACH), 2020/878 of 18 June 2020

2.3. Other hazards

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII - no
Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII -
Not available

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Compound	CAS No.	EC No.	Index number REACH No	% w/w	Classification according to Regulation No. 1272/2008
Sodium Carbonate	497-19-8	207-838-8	011-005-00-2 01-2119485498-19- xxxx	10,0-20,0	Eye Irrit. 2 H319
Benzenesulfonic acid, C10-13- alkyl derivs., sodium salts	68411-30-3	270-115-0	- 01-2119489428-22- xxxx	<3,0	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Silicic acid, sodium salt	1344-09-8	215-687-4	- 01-2119448725-31- xxxx	<3,0	Skin Irrit. 2, H315 Eye Irrit. 2; H319 STOT SE 3; H335

Additional information: For full text of H statements, please refer to Section:16

SECTION 4: First aid measures

4.1. Description of first aid measures

General comments: should be adhered these safety precautions and usage contained on the label.
With the occurrence of symptoms or in cases of doubt seek medical advice.

Inhalation - In normal circumstances cause no threat.

Eye contact – Remove contact lenses. Rinse eyes with cold water for 15 minutes (small water flow directed to outer side of the face - never directed to healthy eye). Seek medical attention if irritation persists.

Skin contact - Contaminated skin rinse with plenty of water. Seek medical attention if irritation persists.

Ingestion - Rinse the mouth with water. To give a small amount of water to drink. Prevent vomiting.
Seek medical attention.

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

Potential acute health effects

Eye contact: burning sensation, redness, swelling

Skin contact: burning sensation, redness

Ingestion: Ingestion of large amounts causes nausea, vomiting, abdominal pain

Inhalation: Not applicable

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

MATERIAL SAFETY DATA SHEET

According to 1907/2006/EC (REACH), 2020/878 of 18 June 2020

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable Extinguishing media: Do not use condensed streams of water.

5.2. Special hazards arising from the substance or mixture

Hazards from the substance or mixture: Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous combustion products: no data

5.3. Advice for firefighters

Special precautions for firefighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel:

Evacuate surrounding areas. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

6.1.2. For emergency responders:

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2. Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

6.3. Methods and material for containment and cleaning up

Gather up the product submitted in sealed containers to security precautions

6.4. Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

7.1.1. While use and storage observe the generally applicable safety and health at work. Avoid release to the environment

7.1.2. Not to eat and drink. Washed surfaces thoroughly rinse with water. Upon use - wash your hands.

7.2. Conditions for safe storage, including any incompatibilities

Store in the original packaging, under cover, dry, temperature in the range 3,0 – 30,0°C. Protect

MATERIAL SAFETY DATA SHEET

According to 1907/2006/EC (REACH), 2020/878 of 18 June 2020

from direct sunlight. Protect from freezing.

7.3. Specific end use(s): Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Derived effect levels

Product/ingredient name	Type	Exposure	Value	Population	Effects
Benzenesulfonic acid, C10-13 alkyl derivative, sodium salt	DNEL	Long term Dermal	170 mg/kg bw/day	Workers	-
	DNEL	Long term Inhalation	12 mg/m ³	Workers	-
	DNEL	Long term Oral	0,85 mg/ kg bw/day	Consumers	-
	DNEL	Long term Dermal	85 mg/kg bw/day	Consumers	-
	DNEL	Long term Inhalation	3 mg/m ³	Consumers	-

Predicted effect concentrations

Product/ingredient name	Type	Compartment Detail	Value	Method Detail
Benzenesulfonic acid, C10-13 alkyl derivative, sodium salt	PNEC	Fresh water	0,268 mg/l	Assessment Factors
	PNEC	Marine	0,0268 mg/l	Assessment Factors
	PNEC	Sediment	8,1 mg/kg	Assessment Factors
	PNEC	Marine	0,0167 mg/	Assessment Factors
	PNEC	Sewage Treatment Plant	3,43 mg/	Assessment Factors

8.2. Exposure controls

Recommended monitoring procedures

Apply procedures for monitoring the concentration of harmful components in the air, as well as procedures for controlling air purity in the workplace. If they are available and justified in a given position, and in accordance with the relevant Polish or European Standards. taking into account the conditions prevailing at the place of exposure, as well as the appropriate measurement methodology adapted to the working conditions.

8.2.1. Appropriate engineering controls

General ventilation of room.

8.2.2. Individual protection measures, such as personal protective equipment

In normal circumstances is not required. Wash hands after work. Do not eat or drink or smoke.

(a) Eye/face protection

Not normally required, but if necessary, use splash goggles and/or a face shield. Avoid eye contamination.

(b) Skin protection

Hand protection: Use protective gloves to protect against the effects of long-term use.

Other: not applicable

(c) Respiratory protection

In normal circumstances is not required

(d) Thermal hazards

not applicable

8.2.3. Environmental exposure controls

Avoid release to the environment

MATERIAL SAFETY DATA SHEET

According to 1907/2006/EC (REACH), 2020/878 of 18 June 2020

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- (a) Physical state: powder
- (b) Colour: characteristic for used ingredients
- (c) Odour: nice, characteristic for used fragrance
- (d) Melting point/freezing point: not applicable
- (e) Boiling point or initial boiling point and boiling range: not applicable
- (f) Flammability: not applicable
- (g) Lower and upper explosion limit: not applicable
- (h) Flash point: not applicable
- (i) Auto-ignition temperature: not applicable
- (j) Decomposition temperature: not applicable
- (k) pH: 8,0-11,0
- (l) Kinematic viscosity: not applicable
- (m) Solubility: water-soluble
- (n) Partition coefficient n-octanol/water (log value) : not applicable
- (o) Vapour pressure: not applicable
- (p) Density and/or relative density: not applicable
- (q) Relative vapour density: not applicable
- (r) Particle characteristics: not applicable

9.2. Other information

No additional information

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is not reactive under normal storage and use conditions.

10.2. Chemical stability

When used and stored correctly, the product is stable.

10.3. Possibility of hazardous Reactions

The product undergoes an exothermic reaction with acids, releasing CO₂.

10.4. Conditions to avoid

During storage, avoid temperatures beyond the range given in section 7.2. Protect containers from long-term exposure to light radiation and contamination.

10.5. Incompatible materials

Strong oxidizing agent

10.6. Hazardous decomposition products

CO₂

MATERIAL SAFETY DATA SHEET

According to 1907/2006/EC (REACH), 2020/878 of 18 June 2020

SECTION 11: Toxicological information

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

For substances:

Compound	CAS No.	Portion	Value	Unit
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	LD ₅₀ – oral rat	1080	mg/kg
		LD ₅₀ –dermal rat	> 2000	mg/kg
Sodium Carbonate	497-19-8	LD ₅₀ - oral rat	2800	mg/kg
		LD ₅₀ - oral mouse	6000	mg/kg

(a) acute toxicity

The acute toxicity of the mixture (ATEmix) was calculated based on the appropriate conversion factor included in Table 3.1.2. Annex I to the CLP Regulation.

ATEmix (oral) >2000 mg/kg

Based on available data, the classification criteria are not met.

(b) skin corrosion/irritation

Based on available data, the classification criteria are not met.

(c) serious eye damage/irritation

Causes serious eye irritation.

(d) respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

(e) germ cell mutagenicity

Based on available data, the classification criteria are not met.

(f) carcinogenicity

Based on available data, the classification criteria are not met.

(g) reproductive toxicity

Based on available data, the classification criteria are not met.

(h) STOT-single exposure

Based on available data, the classification criteria are not met.

(i) STOT-repeated exposure

Based on available data, the classification criteria are not met.

(j) aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

The product does not contain substances identified as disrupting the functioning of the endocrine system (human health) in a concentration equal to or greater than 0.1% by weight.

11.2.2. Other information

not applicable

MATERIAL SAFETY DATA SHEET

According to 1907/2006/EC (REACH), 2020/878 of 18 June 2020

SECTION 12: Ecological information

12.1. Toxicity

The product is not classified as toxic to the aquatic environment.

For the substance:

Sodium carbonate:

Toxicity to fish: LC50 approx. 300 mg/l/96h (*Lepomis macrochirus*)

Toxicity to daphnia: EC50 approx. 200–227 mg/l/48h (*Ceriodaphnia dubia*)

12.2. Persistence and degradability

The surfactants contained in the mixture are consistent with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents.

12.3. Bioaccumulative potential

No data

12.4. Mobility in soil

Product is soluble in water.

12.5. Results of PBT and vPvB

No data

12.6. Endocrine disrupting properties

The product does not contain substances identified as disrupting the endocrine system (environment) in a concentration equal to or greater than 0.1% by weight.

12.7. Other adverse effects

no data

SECTION 13: Disposal considerations

13.1. Waste treatment methods:

Follow the laws in force in the area. Thoroughly emptied packaging products are the subject of municipal waste collection.

Legal basis:

The Act of 27 April 2001 on waste (Dz. U. No. 62/2001, item. 628), as amended

The Act of 11 May 2001 on packaging and packaging waste (Dz. U. No. 63/2001, item. 638), as amended

SECTION 14: Transport information

According to the requirements of ADR / RID:

14.1. UN number or ID number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

MATERIAL SAFETY DATA SHEET

According to 1907/2006/EC (REACH), 2020/878 of 18 June 2020

14.4. Packing group

Not applicable

14.5. Environmental hazards

No

14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

- ⚠ REGULATION (EC) NO 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency
- ⚠ Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- ⚠ The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
- ⚠ REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents
- ⚠ The Act of 25 February 2011. on chemical substances and mixtures thereof. (Dz.U. 2011, nr 63, poz. 322.), as amended
- ⚠ COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- ⚠ DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives
- ⚠ COMMISSION DECISION of 18 December 2014 amending Decision 2000/532/EC on the list of waste pursuant to Directive 2008/98/EC of the European Parliament and of the Council
- ⚠ COMMISSION DIRECTIVE 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

15.2. Chemical safety assessment

The supplier has not carried out evaluation of chemical safety.

SECTION 16: Other information

H phrases:

H302 - Harmful if swallowed

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

H319 - Causes serious eye irritation.

H335 May cause respiratory irritation.

H412 - Harmful to aquatic life with long lasting effects.

MATERIAL SAFETY DATA SHEET

According to 1907/2006/EC (REACH), 2020/878 of 18 June 2020

Abbreviations and acronyms:

ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

DEL = Derived effect levels

DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement

PEC = Predicted effect concentrations

PNEC = Predicted No Effect Concentration

RRN = REACH Registration Number

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

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)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Above information are elaborated in base of present accessible data characterizing product, experience and knowledge of the producer. They are not a part of product quality description not even a promise for specific characteristics. They should be treated as help for safe storing, using and transporting of product. However the worker is not without responsibility to. He should correctly use above information and comply with all law standards valid in this field.