

MATERIAL SAFE DATA SHEET

Washing Powder Gaska Universal

Date: 18.11.2020

Version EN: 1.0

Material Safety Data Sheet complies with the Regulation EC 1907/2006 of 18/12/2006 - REACH and 2015/830 of 28/05/2015.

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



1.1. Product identifier Washing Powder Gaska Universal

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

Identified uses: Washing powder

Uses advised against: None

1.3. Details of the supplier of the safety data sheet

Producer: „MILWA POLSKA 1871” Sp. z o.o., Sp. k.
ul. Zamkowy Folwark 17
63-700 Krotoszyn
tel. PL: + 48 790 422 111
tel. DE: +49 15 140 574 248
e-mail: biuro@milwapolska.pl

E-mail address of the person responsible for data sheet: biuro@milwapolska.pl

1.4. Emergency phone

112 (general emergency telephone number), 998 (fire-brigade), 999 (ambulance);

SECTION 2: Hazards identification



2.1. Classification of the substance or mixture

Acc. to 1272/2008

Eye Dam. 1; H318

Human health dangers:

Causes serious eye damage.

Environmental hazards:

None.

Physic-chemical hazards:

None.

2.2. Label elements

Pictograms:



Signal Word: **Danger**

Hazard Statement:

H31 – Causes eye irritation

Precautionary Statement:

P102 – Keep out of reach of children

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.

Directive (EC) No. 648/2004:

Contains:

<5% anionic surfactants

<5% phosphonates

<5% oxygen-based bleaching agents

Enzymes

Perfumes (HEXYL CINNAMAL, LIMONENE, LINALOOL)

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2.3. Other hazards

The mixture does not contain substances meeting the PBT or vPvB criteria according to Annex XIII of the REACH Regulation.

SECTION 3: Composition/information on ingredients



3.1. Substances

Not applicable.

3.2. Mixtures

Hazardous components:

Substance name	Contains %	Classification CLP	
		Hazard Class and Category Code(s)	Hazard Statement Code(s)
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts CAS No.: 68411-30-3 EINECS No.: 285-600-2 Index No.: - REACH No.: -	<3	Acute Tox. 4 Skin Irrit. 2 Eye Dam. 1	H302 H315 H318
Silicic acid, sodium salt CAS No.: 1344-09-8 EINECS No.: 215-687-4 Index No.: - REACH No.: 01-2119448725-31-0029	<3	Skin Irrit.2 Eye Irrit. 2 STOT SE 3	H315 H319 H335

Full text of H-phrases in Section 16

SECTION 4: First aid measures



4.1. Description of first aid measures

General remarks:

In the case of any symptoms call your doctor and if it is possible to show the container or label.

Skin contact:

Wash with plenty of soap and water. Rinse thoroughly with water.

Eye contact:

Rinse eyes for several minutes (approx. 15) with plenty of water, keeping the eyelids wide open. Avoid strong stream due to the risk of corneal damage. Consult a doctor if irritation occurs.

Inhalation:

Take the injured person to fresh air. In case of more severe poisoning seek medical advice.

Ingestion:

Rinse mouth with water. Do not induce vomiting! Obtain medical attention.

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

Eye contact: Causes severe irritation.

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

The decision about how to proceed is made by the doctor after a thorough assessment of the victim.

SECTION 5: Firefighting measures



5.1. Extinguishing media

Suitable extinguishing media: foam, dry powder extinguishers, CO2, water spray. Use appropriate extinguishing method for conditions.

Unsuitable extinguishing media: Do not use a direct water jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, high temperatures result in the release of decomposition products hazardous to health (containing, among others, carbon oxides).

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5.3. Information for firefighters

In the event of a fire in a confined space should wear protective clothing and breathing apparatus with compressed air. Do not allow fire-fighting water run-off into surface water, groundwater and sewer.

SECTION 6: Accidental release measures



6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: notify the appropriate service. Reduce access to the area of failure until the relevant cleaning operations have been completed.

For emergency res-ponders: Ensure adequate ventilation. Use personal protective equipment.

6.2. Environmental precautions

Do not allow this product to enter drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Prevent leakage and collect mechanically. The contaminated material is placed in properly labeled containers for disposal in accordance with applicable regulations. Clean the water with detergent.

6.4. Reference to other sections

Refer to protective measures listed in section 8.

Refer to disposal considerations listed in section 13.

SECTION 7: Handling and storage



7.1. Precautions for safe handling

Avoid contact with eyes. Do not eat, drink or smoke while using the product. Wash your hands after using the product. Remove contaminated clothing and protective equipment from entering food areas.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area in a properly labeled tightly sealed original container. Keep away from heat and hot surfaces. Avoid direct sunlight and sources of heat, hot surfaces and open flames.

7.3 Specific end use(s)

Washing powder.

SECTION 8: Exposure controls/personal protection



8.1. Control parameters

None.

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

DNEL worker, dermal, long-term, systemic: 170mg/kg

DNEL worker, inhalation, long-term, systemic: 12mg/m³

DNEL consumer, oral, long-term, systemic 0,85mg/kg

DNEL consumer, dermal, long-term, systemic: 85mg/kg

DNEL consumer, inhalation, long-term, systemic 3mg/m³

DNEL worker, inhalation, long-term, local: 12mg/m³

DNEL consumer, inhalation, long-term, local: 3mg/m³

PNEC fresh water: 0,268 mg/l

PNEC marine water: 0,0268 mg/l

PNEC soil 35 mg/kg

PNEC sediment fresh water: 8,1 mg/kg

PNEC sediment marine water: 8,1 mg/kg

PNEC STP: 2,43 mg/l

PNEC water – sporadic release: 0,00167 mg/l

Silicic acid, sodium salt

DNEL worker, dermal, long-term, systemic: 1,59mg/kg body weight/day

DNEL worker, inhalation, long-term, systemic: 5,61mg/m³

DNEL consumer, dermal, long-term, systemic: 0,8mg/kg body weight/day

DNEL consumer, inhalation, long-term, systemic: 1,38mg/m³

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DNEL consumer, oral, long-term, systemic: 0,8mg/kg body weight/day

PNEC fresh water: 7,5 mg/l

PNEC marine water: 1 mg/l

PNEC water – sporadic release: 7,5 mg/l

PNEC sediment fresh water: 7,5 mg/kg

PNEC STP: 348 mg/l

PNEC Food chain 348 mg/kg oral

8.2. Exposure controls

Engineering controls: general ventilation is recommended.

Individual protection measures, such as personal protective equipment:

Eye protection:

Avoid eye contact.

Skin protection:

Hands:

Use protective gloves resistant to the product (EN-PN 374:2005).

In case of short-term exposure, wear protective gloves with efficacy level 2 or greater (breakthrough time > 30 minutes). For prolonged contact wear protective gloves with a level of effectiveness of 6 (breakthrough time > 480 minutes).

The material of gloves:

The selection of suitable gloves does not only depend on the material, but also on the brand and quality resulting from differences in manufacturers. Resistance of the material, the glove can be determined after the tests. The exact time of the destruction of the protective gloves must be determined by the manufacturer.

Other:

It is not required under normal conditions of use.

Respiratory Protection:

It is not required under normal conditions of use.

Thermal hazards:

Not applicable.

Environmental exposure controls:

Prevent the spread large quantities in the environment and enter drains and watercourses.

SECTION 9: Physical and chemical properties



9.1. Information on basic physical and chemical properties

Appearance	Powder
Color	White with the addition of colored granules
Odour	Characteristic, pleasant
Odour threshold	Not specified
pH	Not specified
Melting point/range	Not specified
Boiling point/range	Not specified
Flash point	Not specified
Evaporation rate	Not specified
Flammability (solid, gas)	Not specified
Upper explosive limit	Not specified
Lower explosive limit	Not specified
Vapour pressure	Not specified
Vapour density	Not specified

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Density	>1g/cm ³
Solubility in solvents	Soluble in water
Partition coefficient: n-octanol/water	Not specified
Self-ignition temperature	Not specified
Decomposition temperature	Not specified
Dynamic viscosity	Not specified
Kinematic viscosity	Not specified
Explosive properties	Not specified
Oxidizing properties	Not specified

9.2. Other information

No additional test results.

SECTION 10: Stability and reactivity



10.1. Reactivity

Not known.

10.2. chemical stability

Stable under normal conditions of use, storage and transport.

10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

10.5. Incompatible materials

None.

10.6. Hazardous decomposition products

Carbon oxides.

SECTION 11: Toxicological information



11.1. Information on toxicological effects

(a) acute toxicity: based on the available data, the classification criteria are not met

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

LD50 (oral, rat): 1260mg/kg

Silicic acid, sodium salt

LD50 (oral, rat): 1153 – 39800mg/kg

LD50 (oral, mouse): 770 – 39800mg/kg

LC50 (inhalation, rat): 18mg/l, 1h

(b) skin corrosion/irritation: based on the available data, the classification criteria are not met

(c) serious eye damage/irritation: Causes serious eye damage

(d) respiratory or skin sensitization: based on the available data, the classification criteria are not met

(e) germ cell mutagenicity: based on the available data, the classification criteria are not met

(f) carcinogenicity: based on the available data, the classification criteria are not met

(g) reproductive toxicity: based on the available data, the classification criteria are not met

(h) STOT-single exposure: based on the available data, the classification criteria are not met

(i) STOT-repeated exposure: based on the available data, the classification criteria are not met

(j) aspiration hazard: based on the available data, the classification criteria are not met

SECTION 12: Ecological information



12.1. Toxicity

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

LC50 – fish (Lepomis Macrochirus): 1,67mg/l, 96h

NOEC – fish (Lepomis Macrochirus): 0,1-1mg/l, 28days

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EC50 – daphnia (*Daphnia magna*): 0,32mg/l, 48h

EC50 – algae (*Selenastrum Capricornutum*): 29mg/l, 96h

Silicic acid, sodium salt

LC50 fish: 3158 – 478mg/l, 96h

LC50 fish: 301 – 478mg/l, 96h

EC50 algae: 216 – 18000mg/l, 96h

12.2. Persistence and degradability

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

89% in 28days

Silicic acid, sodium salt

It is not easily biodegradable

The surfactant/surfactants contained in this product are in accordance with the biodegradability criteria contained in the Directive (EC) No. 648/2004 on detergents.

12.3. Bio-accumulative potential

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

Log Po/w: 3,32

BCF: 2

Low bio-accumulation potential

12.4. Mobility in soil

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

Log Ko/c: 3,32

12.5. Results of PBT and vPvB assessment

Substances in the mixture do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations



13.1. Waste treatment methods

Small quantities can be disposed with household waste. Dispose of in accordance with local regulations.

Recycle / dispose of packaging waste in accordance with applicable regulations.

Waste codes should be selected in accordance with the Regulation of the Minister of the Environment of 9 December 2014 on the waste catalog (Journal of Laws, item 1923).

Community provisions on waste:

Directive 2008/98/EC Of The European Parliament And Of The Council of 19 November 2008 on waste and repealing certain Directives.

SECTION 14: Transport information



ADR/RID/IMDG/ICAO:

14.1. UN Number

Not applicable, the product is not classified as dangerous in transport.

14.2. UN proper shipping name

Not applicable, the product is not classified as dangerous in transport.

14.3. Transport hazard class(es)

Not applicable, the product is not classified as dangerous in transport.

14.4. Packing group

Not applicable, the product is not classified as dangerous in transport.

14.5. Environmental hazards

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Not applicable, the product is not classified as dangerous in transport.

14.6. Special precautions for user

Not applicable, the product is not classified as dangerous in transport.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable, the product is not classified as dangerous in transport.

SECTION 15: Regulatory information



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

1. Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 on the registration, evaluation, authorization and restriction of chemicals (REACH) as amended. d.
2. COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
3. Corrigendum to Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
4. Regulation of the European Parliament and of the Council of 16 December 2008 No. 1272/2008 (CLP) as amended d.
5. The Act of February 25, 2011. on chemical substances and their mixtures (Journal of Laws No. 63, item 322, as amended).
6. Announcement of the Marshal of the Sejm of the Republic of Poland of 28 July 2015 on the publication of the uniform text of the Act on chemical substances and their mixtures (Journal of Laws of 2015, item 1203)
7. Ordinance of the Minister of Health of October 10, 2013 amending the ordinance on the category of dangerous substances and dangerous mixtures, the packaging of which is equipped with closures that hinder opening by children and a tactile warning of danger (Journal of Laws of 2013, No. 0, item 1225)
8. The Act of December 14, 2012 on waste (Journal of Laws of 2013, No. 0, item 21, as amended).
9. The Act of June 13, 2013 on the management of packaging and packaging waste (Journal of Laws 2013, item 888, as amended).
10. Regulation of the Minister of the Environment of 9 December 2014 on the waste catalog (Journal of Laws, item 1923).
11. Directive 2008/98 / EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain directives. 11. Act of August 19, 2011 on the transport of dangerous goods (Journal of Laws No. 227, item 1367, as amended)
12. Government Statement of 23 March 2015. on the entry into force of amendments to Annexes A and B to the European Agreement on the International Carriage of Dangerous Goods by Road (ADR), drawn up in Geneva on September 30, 1957 (Journal of Laws of 2015, item 882).
13. Regulation of the Minister of Labor and Social Policy of 6 June 2014 on the maximum allowable concentrations and intensities of factors harmful to health in the work environment (Journal of Laws, item 817, as amended)
14. Regulation of the Minister of Health of 30 December 2004 on occupational health and safety related to the presence of chemical agents in the workplace (Journal of Laws of 2005, No. 11, item 86, as amended).
15. Announcement of the Minister of Health of 9 September 2016 on the announcement of the uniform text of the Regulation of the Minister of Health on occupational safety and health related to the presence of chemical agents in the workplace (Journal of Laws of 2016, item 1488)
16. Regulation of the Minister of the Environment of 9 December 2003 on substances posing a particular threat to the environment (Journal of Laws No. 217, item 2141).

15.2. Chemical safety assessment

No chemical safety assessments for the mixture.

SECTION 16: Other information



H phrases:

H302 – Harmful if swallowed

H315 – Causes skin irritation

H318 – Causes serious eye damage

H319 – Causes serious eye irritation

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H335 – May cause respiratory irritation

Abbreviations and acronyms, list of relevant hazard statements used in the safety data sheet:

Acute Tox. 4 – Acute toxicity cat. 4

Eye Dam. 1 – Serious eye damage cat. 1

Skin Irrit. 2 – Skin irritation cat. 2

Eye Irrit. 2 – Eye irritation cat.2

STOT SE 3 – Specific target organ toxicity — single exposure cat. 3

DNEL – Derived No-Effect Level

PNEC – Predicted No-Effect Concentration

LD50 – lethal dose

LC50 – lethal concentration

EC50 – effective concentration

NOEC – no observed effects concentration

BCF – bioconcentration factor

PBT – Persistent, Bioaccumulative and Toxic

vPvB – very Persistent and very Bioaccumulative

ADR – International Carriage of Dangerous Goods by Road

RID – International Carriage of Dangerous Goods by Rail

IMDG – International Maritime Dangerous Goods

ICAO – Safe Transport of Dangerous Goods by Air

Training:

Not required

Classification procedure: Calculation method

RESOURCES

Annex to Regulation (EU) 2015/830 of May 28, 2015.

Current legislation (Section 15).

Information Agency for Chemical Substances. .

The information contained in the safety data sheet applies only to the product mentioned in the title. Data included in the card should be considered only as an aid to the safe use of **Washing Powder Gaska Universal**. Since the conditions of storage, transport and use are beyond our control, they cannot constitute legal guarantees. In any case, the statutory provisions and any rights of third parties must be respected. The card is not an assessment of workplace hazards. The product should not be used for purposes other than those specified in section 1 without first consulting the manufacturer.