

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 23.10.2017

Version: 1.0/PL

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

1.1 Product identifier

Gallus Washing Powder Color (Colorwaschmittel Gallus)

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

Relevant identified uses: washing agent.

Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Supplier: **EUDUCO KBC GROUP sp. z o.o. spółka komandytowa**

Address: Poland, 37-700 Przemyśl ul. Lwowska 160

Telephone/Fax: +48 16 678 03 09

Information about the product: educo@educo.com

E-mail address for a competent person responsible for SDS: educo@educo.pl

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Eye Irrit 2 H319

Causes serious eye irritation.

2.2 Label elements

Hazard pictograms and signal words



WARNING

Names of substances mentioned on label

None.

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

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.

2.3 Other hazards

Components of the product do not meet the criteria of PBT or vPvB substance in accordance with Annex XIII of REACH Regulation.

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Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

CAS number: 497-19-8 EC number: 207-838-8 Index number: 011-005-00-2 Registration number: 01-2119485498-19-XXXX	sodium carbonate Eye Irrit. 2 H319	15-< 20%
CAS number: 15630-89-4 EC number: 239-707-6 Index number: - Registration number: -	disodium carbonate, compound with hydrogen peroxide (2:3) Ox. Sol. 2 H272, Acute Tox. 4 H302, Eye Dam. 1 H318 <u>specific concentration limits (ECHA)</u> Eye Dam. 1 H318: C > 25% Eye Irrit. 2 H319: C 7,5% - < 25%	1-< 3,5%
CAS number: 1344-09-8 EC number: 215-687-4 Index number: - Registration number: 01-2119448725-31-XXXX	sodium silicate Skin Irrit. 2 H315, Eye Irrit 2 H319, STOT SE 3 H335	1-< 3%
CAS number: 68411-30-3 EC number: 270-115-0 Index number: - Registration number: -	benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts Acute Tox. 4 H302, Skin Irrit. 2 H315, Eye Dam. 1 H318	1-< 2,55%

Composition according to 648/2004/EC regulation

anionic surfactants	< 5%
non-ionic surfactants	< 5%
phosphonates	< 5%
oxygen-based bleaching agents	< 5%
zeolites	< 5%
perfumes	

Full text of each relevant H phrase is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothing. Wash contaminated skin thoroughly with water. Consult a doctor, if disturbing symptoms occur.

Eye contact: protect non-irritated eye, remove contact lenses. Rinse contaminated eyes with water for at 10-15 minutes. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist, if disturbing symptoms occur.

Ingestion: **do not induce vomiting.** Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor, show label or container.

Inhalation: consult a doctor, if disturbing symptoms occur. Remove the victim to fresh air. Keep warm and calm.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: possible redness, dryness.

Eye contact: redness, tearing, blurred vision, irritation.

Ingestion: possible gastrointestinal symptoms.

Inhalation: high dusts concentration may cause irritation of respiratory tract, cough.

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4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured.
Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: foam, CO₂, water spray.

Unsuitable extinguishing media: water jet – risk of propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During combustion harmful gases consisting of e.g. carbon oxides, sulphur oxides may be released. Do not inhale combustion products, may cause health risk. The product contains a strong oxidizer, that decomposes with release of oxygen – it supports combustion. Product's decomposition in sealed containers poses a risk of explosion.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water fog from safe distance. Prevent the extinguishing water from entering drainage system, surface or ground water. Collect used extinguishing media.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. In case of large spills, isolate the exposed area. Wear personal protective equipment. Avoid eye and skin contamination. Avoid dusts formation. Ensure adequate ventilation. Ensure that only the trained personnel removes the effects of the accident.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Released product collect mechanically, avoid creating dusts and place it in labelled containers. Treat the collected material as wastes. Clean and ventilate the contaminated area.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Personal precautions, protective equipment and emergency procedures

Handle in accordance with good occupational hygiene and safety practices. Avoid eye contamination and prolonged contact with skin. Wash hands carefully before breaks and after work. Use personal protective equipment if the risk assessment indicates it is necessary. Ensure adequate ventilation. Keep the unused containers tightly closed.

7.2 Conditions for safe storage, including any incompatibilities

Store only in tightly sealed container in a dry, cool and well ventilated place. Keep away from food, animal feed. Protect from warm, direct sunlight and moisture. Do not store with incompatible materials (see subsection 10.5).

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7.3 Specific end use(s)

No information about uses other than mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

There are no occupational exposure limit values at working place for the substances present in the mixture at the European Union level. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2006/15/EC, 2000/39/EC, 2009/161/EC, 2017/164/EC

DNEL values for components

Chemical name	Type	Route of exposure	Duration of exposure	Value
Sodium silicate (1344-09-8)	worker	dermal	long-term (systemic)	1,59 mg/kg bw/day
Sodium silicate (1344-09-8)	worker	inhalativ	long-term (systemic)	5,61 mg/m ³
Sodium silicate (1344-09-8)	consumer	dermal	long-term (systemic)	0,8 mg/kg bw/day
Sodium silicate (1344-09-8)	consumer	inhalativ	long-term (systemic)	1,38 mg/m ³
Sodium silicate (1344-09-8)	consumer	oral	long-term (systemic)	0,8 mg/kg bw/day

PNEC values for components

Chemical name	Type of exposure	Value
Sodium silicate (1344-09-8)	fresh water	7,5 mg/l
Sodium silicate (1344-09-8)	marine water	1 mg/l
Sodium silicate (1344-09-8)	water – intermittent release	7,5 mg/l
Sodium silicate (1344-09-8)	sediments (fresh water)	7,5 mg/kg
Sodium silicate (1344-09-8)	sewage treatment plants	348 mg/l

8.2 Exposure controls

Observe good occupational hygiene and safety practices. Do not eat, drink or smoke when using the product. Avoid eye contamination and prolonged contact with skin. Ensure good general and/or local ventilation. Take off contaminated clothing immediately.

Hand and body protection

Use protective gloves in case of long-term contact with the product or a breakdown. Recommended material for gloves: nitril rubber, Viton. In case of a short contact, use protective gloves with level of effectiveness: 2 or higher (breakthrough time > 30 min.). In case of a long contact, use protective gloves with level of effectiveness: 6 (breakthrough time > 480 min.).

When using protective gloves during work with chemical products, it should be noted that the efficacy levels and corresponding breakthrough times do not indicate actual times of protection at a particular workplace, because the protection can be affected by many factors, e.g. temperature, other substances etc. If there are any signs of degradation, damage or change in appearance (colour, flexibility, shape), it is recommended to replace the gloves with a new pair. Please follow the manufacturer's instructions, not only in terms of gloves' usage, but also in terms of their cleaning, maintenance and storage. It is also important to know how to take off the gloves in order to avoid hands contamination.

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Eye protection

Use eye protection if there is a risk of eye contamination.

Respiratory protection

Not required in case of sufficient ventilation.

Personal protective equipment must meet requirements of directive 89/686/CE. Employer is obliged to ensure equipment adequate to activities carried out, with quality demands, cleaning and maintenance.

Environmental exposure controls

Avoid release to the environment, do not enter the sewage system. Possible emissions from the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	solid/powder
colour:	not determined
odour:	characteristic, pleasant
odour threshold:	not determined
pH:	not applicable
melting point/freezing point:	not determined
initial boiling point and boiling range:	not applicable
flash point:	not applicable
evaporation rate:	not determined
flammability (solid, gas):	not applicable, incombustible
upper/lower flammability or explosive limits:	not applicable
vapour pressure:	not determined
vapour density:	not determined
density:	not determined
solubility(ies):	soluble in water
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not applicable

9.2 Other information

There are no additional test results.

Section 10: Stability and reactivity

10.1 Reactivity

The product is reactive. Does not undergo hazardous polymerization. See also subsections 10.3 and 10.5

10.2 Chemical stability

The product is stable under normal conditions of handling and storage.

10.3 Possibility of hazardous reactions

It reacts exothermically with acids with release of carbon dioxide.

10.4 Conditions to avoid

Avoid direct sunlight, fire. Protect from moisture.

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10.5 Incompatible materials

Strong oxidizers, acids, bases.

10.6 Hazardous decomposition products

Oxygen, carbon oxides.

Section 11: Toxicological information

11.1 Information on toxicological effects

Information regarding acute and/or delayed results of the exposure was defined on the basis of the information on product's classification and/or toxicological studies as well as the experience and knowledge of the manufacturer.

Acute toxicity

The acute toxicity estimate (ATE_{mix}) for the classification of a mixture was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP.

ATE_{mix} (oral) > 2000 mg/kg

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

Skin corrosion/irritation

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

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitization

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.

Section 12: Ecological information

12.1 Toxicity

Product is not classified as hazardous for the environment.

12.2 Persistence and degradability

Surfactants used in the product meet the biodegradability requirements in accordance with Regulation (EC) no 648/2004/EC.

12.3 Bioaccumulative potential

Bioaccumulation is not expected.

12.4 Mobility in soil

The product is mobile in the soil and aquatic environment.

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12.5 Results of PBT and vPvB assessment

Components of the product do not meet the criteria of PBT or vPvB substance.

12.6 Other adverse effects

Product has no influence on global warming and destruction of the ozone layer.

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the mixture: disposal in accordance with the local legislation. Do not dispose with municipal wastes. Store residues in original containers. Waste code should be given in the place of waste formation.

Disposal methods for used packing: reuse/recycle/eliminate empty containers in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC, 94/62/EC.

Section 14: Transport information

14.1 UN Number

Not applicable. The product is not classified as dangerous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

The mixture is not hazardous for the environment according to the transport regulations.

14.6 Special precautions for user

Not applicable.

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

Not applicable.

Section 15: Regulatory information

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

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, Authorisation and Restriction of Chemicals (REACH)

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC as amended.

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 (Text with EEA relevance) as amended.

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

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents

15.2 Chemical safety assessment

Chemical safety assessment is not required for mixtures.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

Abbreviations and acronyms

PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance
PNEC	Predicted no-effect concentration
DNEL	Derived no-effect level
Acute Tox. 4	Acute toxicity, category 4
Eye Dam. 1	Serious eye damage/eye irritation, category 1
Eye Irrit. 2	Serious eye damage/eye irritation, category 2
Ox. Sol. 3	Oxidising solid, category 3
Skin Irrit. 2	Skin corrosion/irritation, category 2
STOT SE 3	Specific target organ toxicity — single exposure, category 3

Trainings

Before commencing work with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training

Key literature references and data sources

This SDS was prepared on the basis of sheets of the individual components, literature data, online databases (e.g. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Additional information

Classification was based on data on hazardous substances using calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Eye Irrit. 2 H319 calculation method

Other data

Composed by: mgr Ewelina Strzelecka-Szewc (on the basis of producer's data).

Safety Data Sheet made by: „THETA” Doradztwo Techniczne

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.