DATA SHEET

[Prepared according to EC Regulation No. 1907/2006 (REACH) as amended]

Date of issue: 28.11.2017 Version: 1.0/EN

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

1.1 Product identifier

Vollwaschmittel Sport Gallus washing gel

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

Identified applications: washing agent.

Uses advised against: not specified.

1.3 Details of the supplier of the safety data sheet

Supplier: **EUDUCO KBC GROUP sp. z o.o. limited partnership**

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

Telefon/Fax: 16 678 03 09

Information about the product: euduco@euduco.com

E-mail address of the person responsible for the safety data sheet: euduco@euduco.com

1.4 Emergency telephone number

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

Sekcja 2: Identification of threats

2.1 Classification of the substance or mixture

Eye Irrit 2 H319

Irritating to eyes.

2.2 Elements of marking

Pictogram and warning phrase

WARNING

Phrases indicating the type of threat

H319 Irritating to eyes.

Phrases indicating the type of precautions to take

P101 If you need to consult a doctor, show the container or label.

P102 Keep out of the reach of children.

P305+P351+P338 IN CASE OF CONTACT WITH EYES: Rinse carefully with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing.

P337+P313 In case of persistent eye irritation: Seek medical advice/ care of a doctor.

Additional information on the label

EUH208 Contains a reaction mixture of 5-chloro-2-methyl-4-isothiazolin-3-one [EC No. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC No 220-239-6] (3:1). May cause an allergic reaction.

2.3 Other hazards

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

Section 3: Composition/information on ingredients

3.1 Substance

Not applicable.

3.2 Mixtures

CAS: 68891-38-3 EINECS: 500-234-8 Index number: - Registration number: 01-2119488639-16-XXXX	**C12-14 alcohols, ethoxylated (1-2.5 EO), sulphonated, sodium salts** Skin Irrit. 2 H315, Eye Dam. 1 H318, Aquatic Chronic 3 H412 concentration limits: Eye Dam. 1 for C ≥ 10%; Eye Irrit. 2 for 5 % ≤ C < 10%	1-<4.5%
CAS: - EINECS: 931-329-6 Index number: - Registration number: 01-2119490100-53-XXXX	**amides, C8-18 (even) and C18-unsaturated, N, N-bis (hydroxyethyl)** Skin Irrit. 2 H315, Eye Dam. 1 H318, Aquatic Chronic 2 H411	≤ 1.5%
CAS: 55965-84-9 EINECS: - Index number: 613-167-00-5 Registration number: -	**post-reaction mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3: 1)** Acute Tox. 3 H331, Acute Tox. 3 H311, Acute Tox. 3 H301, Skin Corr. 1B H314, Skin Sens. 1 H317, Aquatic Acute 1 H400, Aquatic Chronic 1 H410 (M=10)	< 0.0015%

Ingredients in accordance with Regulation on detergents (648/2004/WE)

Anionic surfactants 5-15%
Non-ionic surfactants < 5%
Phosphonates < 5%
Preservatives (METHYLHYLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE, 2-BROMO-2-NITROPROPANE-1,3-DIOL)
Fragrance composition (BENZYL SALICYLATE, BUTYL PHENYL METHYL PROPIONAL, COUMARIN, D-LIMONENE, HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE, LINALOOL, ALPHA-ISO-METHYLIONONE)

Full text of H-phrases in section 16.

Section 4: First aid measures

4.1 Description of first aid measures

Contact with skin: remove contaminated clothing. Wash exposed skin parts thoroughly with water. In the case of alarming symptoms, contact a doctor.

Contact with eyes: protect the non-irritated eye, remove contact lenses. Rinse contaminated eyes thoroughly with water for 10-15 minutes. Avoid a strong stream of water - risk of corneal damage. In the case of alarming symptoms, contact a doctor.

In the case of consumption: **do not induce vomiting.** Rinse mouth with water. Never give anything by mouth to an unconscious person. Do not attempt to neutralize. Call a doctor immediately and show the container or label.

After inhalation: consult a doctor if alarming symptoms arise. Move the victim to fresh air, ensure they are warm and calm.

4.2 Most important symptoms and effects, both acute and delayed

Contact with eyes: redness, tearing, blurred vision, irritation.

Contact with skin: in the case of prolonged contact possible redness, stinging, allergic skin reactions.

After swallowing: possible gastrointestinal problems

Inhalation: no reports of adverse effects or critical hazards when exposed this way

4.3 Indication of any immediate medical attention and special treatment for the victim

A decision on the treatment procedure is made by a doctor after a thorough assessment of the injured person's condition. Treat symptomatically.

Section 5: Proceedings in case of fire

5.1 Extinguishing media

Suitable extinguishing media: foam, carbon dioxide, water spray.

Unsuitable extinguishing media: compact stream of water - danger of fire spreading.

5.2 Special hazards arising from the substance or mixture

During combustion harmful gases containing carbon oxides, nitrogen oxides may be formed. Avoid inhalation of combustion products, as they may pose a health risk.

5.3 Information for firefighters

General protection measures typical in case of fire. Do not enter the fire danger zone without proper chemical-resistant clothing and breathing apparatus with independent air circulation. Cool endangered containers from a safe distance with a spray of water. The extinguishing water should not be allowed to enter the sewage system, surface water or groundwater.

Section 6: Proceeding in case of unintentional release to the environment

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access of unauthorized persons to the area of malfunction until the completion of appropriate cleaning operations. In the case of large spills, isolate the area at risk. Use personal protective equipment. Avoid eye contact. Do not inhale product vapours. Ensure adequate ventilation. Immediately wipe away the spilled product - risk of slipping. Ensure that the removal of the malfunction and its consequences is carried out only by trained personnel.

6.2 Precautions for environmental protection

In the case of release of larger amounts of the product steps should be taken to prevent it from spreading into the environment. Notify the appropriate emergency services.

6.3 Methods and materials to prevent the spread of contamination and to remove contamination

Absorb spillage with liquid absorbing materials (e.g. sand, soil, universal binders, silica, etc.) and place in labelled containers. The collected material should be treated as waste. Clean and well ventilate the contaminated area.

6.4 Reference to other sections

Disposal of the product - see section 13 of the card. Personal protective equipment - see section 8 of the card.

Section 7: Handling and storage of substances and mixtures

7.1 Precautions for safe handling

Work in accordance with the principles of safety and hygiene. Avoid eye contact. Do not inhale product vapours. Wash hands before breaks and after work. Keep unused containers tightly closed. Use personal protection measures if the risk assessment indicates that this is necessary.

7.2 Conditions for safe storage, including any mutual incompatibilities

Store only in tightly closed containers in a dry, cool and well-ventilated room. Do not store together with foodstuffs and animal feeds. Protect against heat and direct sunlight. Do not store with incompatible materials (see subsection 10.5).

7.3 Specific end use(s)

No information on applications other than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

The product does not contain components subject to workplace exposure control (legal basis: Journal of Laws 2014 item 817 with subsequent amendments).

DNEL values for amides, C8-18 (even) and C18-unsaturated, N, N-bis (hydroxyethyl)

Population	Route of exposure	Exposure/effect	DNEL value
Employees	skin	systemic	4.16 mg/kg
Employees	inhalation	systemic	73.4 mg/m^3
Employees	skin	local	0.09 mg/cm^2
General population	inhalation	systemic	21.73 mg/m^3
General population	orally	systemic	6.5 mg/kg
General population	skin	systemic	2.5 mg/kg

PNEC values for amides, C8-18 (even) and C18-unsaturated, N, N-bis (hydroxyethyl)

Characteristics of environmental risk PNEC	Value	Unit
Fresh water	0.007	mg/l
Freshwater sediment	0.0424	mg/kg
Sea water	0.0007	mg/l
Sea water sediment	0.0424	mg/kg
Sewage treatment plant	830	mg/l
Soil	0.0189	mg/kg

8.2 Exposure controls

Observe general safety and hygiene rules. Do not eat, drink or smoke during work. Avoid eye contact. Provide adequate general and/or local ventilation. Remove contaminated clothing immediately.

Hand and body protection

Use chemical-resistant protective gloves in case of prolonged contact or in the event of a malfunction. Recommended material for gloves: nitrile rubber, viton.

In the case of brief contact use gloves of the efficacy level 2 or greater (breakthrough time > 30 min.). For prolonged contact use gloves with efficacy level 6 (breakthrough time> 480 min).

The material from which the gloves are made must be impermeable and resistant to the product. The choice of material should be made taking into account breakthrough times, permeation rates and degradation. In addition, the selection of suitable gloves does not only depend on the material, but also on other quality characteristics and varies depending on the manufacturer. Information should be obtained from the manufacturer about the exact breakthrough time and this should be observed.

Eye protection

Wear sealed protective goggles in case of danger of contact with eyes.

Respiratory protection

If adequate ventilation is not required.

The personal protective equipment used must meet the requirements of the Ordinance of the Ministry of Economy of 21 December 2005 (Journal of Laws No. 259, item 2173) and Directive 89/686/EC (as amended). The employer is obliged to provide protection measures appropriate to the activities performed and meeting all quality requirements, including their maintenance and cleaning.

Control of environmental exposure

Avoid discharges into the environment, do not empty into the sewage system. Possible emissions from ventilation systems and process equipment should be checked in order to determine their compliance with the requirements of environmental law.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state/appearance:	liquid / gel
colour:	blue
smell:	distinctive, pleasant
smell threshold:	not determined
pH value (20°C):	not determined
melting/freezing point:	not determined
initial boiling point:	not determined
ignition temperature:	niepalny
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower explosion limit:	not applicable
vapor resilience (20ºC):	not determined
vapor density:	not determined > 1 g/cm^3
density (20ºC):	
solubility:	soluble in water
partition coefficient: n-octanol / water:	not determined
explosion temperature:	product is not explosive
decomposition temperature:	not determined
explosive properties:	not shown
oxidizing properties:	not shown
viscosity:	not determined

9.2 Other information

No additional test results.

Section 10: Stability and reactivity

10.1 Reactivity

Reactive product. It does not polymerise. See also subsections 10.3-10.5.

10.2 Chemical stability

With proper use and storage the product is stable.

10.3 Possibility of hazardous reactions

No dangerous reactions are known.

10.4 Conditions to avoid

Avoid direct sunlight and fire.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Information on acute and/or delayed effects of exposure were determined on the basis of information about the classification of the product and/or toxicological studies and the knowledge and experience of the manufacturer.

Acute toxicity

ATE mix (oral) > 2000
mg/kg ATE mix (skin) > 2000
mg/kg ATE mix (inhalation) > 20
mg/m^3

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

Corrosive / irritating to skin

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

Serious eye damage/eye irritation

Irritating to eyes.

Respiratory or skin sensitization

Based on available data, the classification criteria are not met. However, the product contains a component that may cause allergic skin reactions in susceptible individuals.

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.

Specific target organ toxicity - single exposure

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

Specific target organ toxicity - 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

Toxicity of components

amides, C8-18 (even) and C18-unsaturated, N, N-bis (hydroxyethyl)

Toxicity to fish LC50	2.4 mg/l/96h/*Oncorhynchus mykiss*
Toxicity to fish LC50	4.9 mg/l/96h/*Danio rerio*
Toxicity to invertebrates EC50	3.3 mg/l/24h/*Daphnia magna*
Toxicity to algae ErC50	3.9 mg/l/72h/*Desmodesmus subspicatus*
Toxicity to bacteria EC10	0.83 g/l/72h/*Pseudomonas putida*
Toxicity to algae NOEC	2 mg/l/72h
Toxicity to fish NOEC	0.32 mg/l/28 dni (OECD 204)
Toxicity to invertebrates NOEC	0.07 mg/l/21 dni (OECD 211)

Toxicity of the mixture

The product is not classified as hazardous to the environment.

12.2 Persistence and degradability

The surface-active compounds contained in the product are biodegradable in accordance with the detergent regulation 648/2004/EC.

12.3 Bioaccumulation potential

No bioaccumulation is to be expected.

12.4 Mobility in soil

The product is mobile in the soil and water environment.

12.5 Results of PBT and vPvB assessment

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

12.6 Other adverse effects

The product does not affect global warming or destruction of the ozone layer.

Section 13: Waste management

13.1 Waste treatment methods

Recommendations regarding the mixture: dispose of in accordance with applicable regulations. Do not dispose of with municipal waste. Store residues in original containers. The waste code should be given at the place of manufacture.

Recommendations on used packaging: recovery / recycling / liquidation of packaging waste should be carried out in accordance with applicable regulations. Only completely emptied packages can be recycled.

EU legislation: European Parliament and Council Directives: 2008/98/EC and 94/62/EC.

National legal acts: Journal of Laws 2013 item 21 with later amendments, Journal of Laws 2013, item 888 with later amendments

Section 14: Information on transport

14.1 UN number

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

14.2 Correct UN shipping name

Not applicable.

14.3 Hazard class(es) in transport

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

The mixture does not pose a threat to the environment in accordance with the criteria contained in the transport regulations.

14.6 Special precautions for users

Not applicable.

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

Not applicable.

Section 15: Information on legal provisions

15.1 Safety, health and environmental regulations specific to the substance or mixture

Act of 25 February 2011 on chemical substances and mixtures thereof (Journal of Laws No. 63, item 322 with subsequent amendments). Regulation of the Minister of Labour and Social Policy of June 6, 2014 on the highest permissible concentrations and intensities of factors harmful to health in the work environment (Journal of Laws of 2014, item 817, as amended).

ADR European Agreement concerning the international carriage of dangerous goods by road.

Waste Act of 14 December 2012 (Journal of Laws 2013, item 21 as amended).

Act of 13 June 2013 on the management of packaging and packaging waste (Journal of Laws 2013, item 888 with later amendments).

Regulation of the Minister of Environment of 9 December 2014 on the waste catalogue (Journal of Laws of 2014, item 1923). Regulation of the Minister of the Economy of 21 December 2005 on essential requirements for personal protective equipment (Journal of Laws No. 259, item 2173).

Regulation of the Minister of Health of February 2, 2011 on the testing and measurement of agents harmful to health in the work environment (Journal of Laws No. 33, item 166).

1907/2006/EC Regulation on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulations (EEC) No. 793/93 and 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.

1272/2008/EC Regulation of the European Parliament and Council of 16 December 2008 on the 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 with later amendments.

2015/830/EU Commission Regulation of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

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

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

648/2004/EC Regulation of the European Parliament and Council of 31 March 2004 on detergents, with later amendments.

15.2 Chemical safety assessment

No chemical safety assessment is required for the mixture.

Section 16: Other information

Full text of H-phrases from section 3 of the card

H301	Toxic if swallowed.
H315	Irritating to skin.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Irritating to eyes.
H331	Toxic if inhaled
H400	Very toxic to aquatic organisms.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects

Explanation of abbreviations and acronyms

PBT	Substance is Persistent, Bioaccumulative and Toxic
vPvB	Substance Is very Persistent and very Bioaccumulative
PNEC	Predicted No Effect Concentration
DNEL	Derived no-effect level
Skin Irrit 2	Irritant effect on skin category 2
Skin Sens.1	Irritant effect on skin category 1
Aquatic Acute 1	Hazardous to the aquatic environment - acute hazard, cat. 1
Aquatic Chronic 1,2,3	Hazardous to the aquatic environment - chronic risk category 1, 2,3
Eye Dam.1	Serious eye damage, cat. 1
Eye Irrit.2	Irritating to eyes, cat. 2
Skin Corr. 1B	Corrosive cat. 1B
Acute Tox. 3	Acute toxicity cat. 3

Training

Prior to working with the product, the user should familiarize himself with the health and safety rules regarding the handling of chemicals, and in particular undergo appropriate workplace training.

References to key literature and data sources

The card has been developed on the basis of the characteristics sheets of individual components, literature data, online databases (e.g. ECHA, TOXNET, COSING) and knowledge and experience possessed, taking into account the currently applicable legal provisions

Procedures used to classify the mixture

The classification was made on the basis of the physicochemical data of the mixture and the content of hazardous ingredients by a calculation method based on the guidelines of Regulation 1272/2008/EC (CLP) together with later amendments.

Additional information

Card prepared by:	Aleksandra Gendek MSc
Card issued by:	**"THETA"** Technical Consulting

The above information was based on currently available data characterizing the product and the experience and knowledge possessed by the manufacturer in this regard. It does not constitute a qualitative description of the product or a promise of specific properties. It should be treated as an aid for safe handling in the transport, storage and use of the product. It does not absolve the user from any liability for the misuse of the above information and compliance with all legal norms in force in this field.