Safety Data Sheet
according to Regulation (EC) No 1907/2006 (REACH), 2015/830/EU

BKF

BLUE FOAM



SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: BLUE FOAM

1.2 Relevant identified uses of the substance or mixture and uses advised against:
Recommended use: Vehicle cleaning agent
Uses advised against: Any use not mentioned above or in section 7.3

1.3 Details of the supplier of the safety data sheet:
BKF MYJNIE BEZDOTYKOWE SPÓŁKA Z O.O.
72-002 Dołuje, Skarbimierzyce 22, Poland

1.4 Emergency telephone number:
Ambulance: 999, Fire brigade: 998, Police: 997
Company emergency number: +48 501 008 310

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SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:
Regulation No 1272/2008 (CLP):
The classification of this product has been carried out in accordance with Regulation (EC) No 1272/2008 (CLP).
Eye Dam. 1: Serious eye damage / eye irritation, Category 1, **H318**

2.2 Label elements:
Regulation No 1272/2008 (CLP):
Danger



Hazard statements:
Eye Dam. 1: H318 – Causes serious eye damage

Precautionary statements:
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor.
Empty containers should be rinsed, emptied of contents, and disposed of in a plastic waste container.
Safety data sheet available on request for professional users.

Substances contributing to classification:
Alcohols, C9-11, ethoxylated (4 EO)

2.3 Other hazards:
The product does not meet the criteria for PBT/vPvB.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:
Not applicable

3.2 Mixtures:
Chemical description: Mixture based on an anionic surfactant

Ingredients:
In accordance with Annex II of Regulation (EC) No 1907/2006 (Section 3), the product contains:

Identification	Chemical name / Classification		Concentration
CAS: 68439-46-3 EC: 614-482-0 Index: Not applicable REACH: 01-2119980051-45-XXXX	Alcohols, C9-11, ethoxylated (4 EO)(1)	Suppl.classific.	5-<10%
	Regulation (EC) No 1272/2008	Eye Dam. 1: H318 – Danger 	
CAS: 61789-40-0 EC: 263-058-8 Index number: Not applicable REACH: Not applicable	Cocamidopropyl Betaine(1)	Suppl.classific.	Concentration
	Regulation (EC) No 1272/2008	Eye Irrit. 2: H319 – Warning 	1-<5%

(1) The substance poses a hazard to health or the environment and meets the criteria set out in Commission Regulation (EU) No 2015/830.
For more information on hazards posed by the substances, see Sections 8, 11, 12, 15, and 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:
Symptoms of poisoning may occur only after exposure; therefore, in case of any doubt, direct exposure to the chemical product, or prolonged discomfort, consult a physician and show them the product's Safety Data Sheet.

Inhalation:
The product does not contain substances classified as hazardous by inhalation. However, if symptoms of poisoning occur, remove the affected person from the

exposure area and ensure access to fresh air. Consult a physician if symptoms persist or worsen.

Skin contact:
In case of skin contact, it is recommended to clean the affected area with running water and neutral soap. In case of skin changes (burning sensation, redness, rash, blisters), consult a physician and provide the product's Safety Data Sheet.

Eye contact:
Rinse eyes thoroughly with room-temperature water for 15 minutes. Do not allow the affected person to rub or close their eyes. If the person is wearing contact lenses, remove them unless they are stuck to the eye — otherwise, further injury may occur. In all cases, after rinsing, consult a physician as soon as possible and show the product's Safety Data Sheet.

Ingestion / Aspiration:
In case of ingestion, consult a physician and show them the product's Safety Data Sheet.

4.2 Most important symptoms and effects, both acute and delayed:
Acute and delayed effects of exposure are provided in Sections 2 and 11.

4.3 Indication of any immediate medical attention and special treatment needed:
No data available

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media:
The product is non-flammable under normal handling, storage, and usage conditions. In case of ignition due to improper handling, storage, or use, it is recommended to use powder extinguishers (ABC powder), in accordance with regulations on fire protection equipment. The use of running water as an extinguishing agent is **not recommended**.

5.2 Special hazards arising from the substance or mixture:
During combustion or thermal decomposition, reaction by-products may be generated which can be highly toxic and may pose a serious health hazard.

5.3 Advice for firefighters:
Depending on the scale of the fire, it may be necessary to wear full protective clothing and self-contained breathing apparatus. A minimum stock of emergency equipment and response tools (fire blankets, first aid kits) should be available in accordance with Directive 89/654/EC.

Additional provisions:
Act in accordance with the Internal Emergency Plan and the safety leaflets describing procedures for accidents and emergency situations. Eliminate all sources of ignition. In case of fire, cool containers and tanks used for storing flammable

products to prevent ignition, explosion, or BLEVE (Boiling Liquid Expanding Vapor Explosion) due to high temperatures. Do not allow firefighting materials to enter water reservoirs.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:
Isolate the area of gas release, provided this does not pose a risk to the individuals performing the task. In the event of possible contact with the spilled product, appropriate personal protective equipment must be used (see Section 8). Evacuate the area and remove any individuals not equipped with proper protective gear.

6.2 Environmental precautions:
The product is not classified as hazardous. Prevent contamination of groundwater and surface water, watercourses, soil, and sewage systems.

6.3 Methods and materials for containment and cleaning up:
Recommended actions:
Absorb the spilled product using sand or a neutral absorbent and transfer it to a safe location. Do not use sawdust or other flammable absorbents. For any disposal-related considerations, refer to Section 13.

6.4 Reference to other sections:
See also Sections 8 and 13.

SECTION 7: HANDLING AND STORAGE OF SUBSTANCES AND MIXTURES

7.1 Precautions for safe handling:
A. – Precautions necessary for safe handling of the product:
When preventing hazards in the workplace, comply with applicable laws and regulations. Keep containers tightly closed. Control leaks and waste, disposing of them using safe methods (see Section 6). Prevent any unintended leakage from containers. Maintain cleanliness and order when handling hazardous products.

B. – Technical recommendations for preventing fires and explosions:
The product is non-flammable under normal handling, storage, and usage conditions. It is recommended to pour the product slowly to avoid the generation of electrostatic charges, which could adversely affect flammable products. For information on conditions and substances to avoid, see Section 10.

C. – Technical recommendations for preventing toxicological hazards:
Do not eat or drink while handling the product. After handling, wash hands with an appropriate cleaning agent.

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D. – Technical recommendations for preventing environmental hazards:
It is recommended to keep absorbent material nearby when handling the product (see Section 6.3).

7.2 Conditions for safe storage, including any incompatibilities:
A. – Technical aspects of storage:
[No specific data provided – fill if needed]

B. – General storage conditions:
Avoid sources of heat, radiation, and static electricity. Store away from food products. For more information, see Section 10.5.

7.3 Specific end use(s):
Apart from the recommendations already mentioned, no specific guidance is required for the use of this product.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:
Occupational exposure limit values should be monitored in reference to the following substances (Journal of Laws 2018, item 1286):
There are no environmental quality standard limits for substances that form the mixture.

DNEL (Workers):
No data available

DNEL (General population):
No data available

PNEC:
No data available

8.2 Exposure controls:
A. – General safety and hygiene measures in the workplace:
As a precautionary measure, it is recommended to use protective clothing marked with the "CE marking." More information regarding protective clothing (storage, use, cleaning, maintenance, protection class...) can be found in the information leaflet provided by the protective clothing manufacturer.
The guidance provided here applies to the undiluted product. Recommendations for diluted product may vary depending on the degree of dilution, application method, usage, etc.
When assessing the necessity of installing emergency showers and/or eye wash stations in storage areas, relevant chemical storage regulations should be taken into account.
For further information, refer to Sections 7.1 and 7.2.
All information in this section – due to the lack of data regarding the company's

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protective equipment – should be treated as a recommendation to help prevent risks associated with working with the product.

B. – Respiratory protection:
In case of vapor formation or when occupational exposure limits are exceeded, the use of protective clothing will be necessary.

C. – Hand protection:
(*You can provide the continuation, and I'll translate it immediately to complete the subsection.*)

Pictogram	Protective equipment	Labelling	CEN standards	Notes
 **Mandatory hand protection**	**Gloves providing protection against minor hazards**	CE CAT I	Gloves should be replaced if any signs of damage are observed. For prolonged exposure to the product by professional or industrial users, it is recommended to use CE Category III gloves in accordance with EN 420 and EN 374 standards	

Since the product is composed of various materials, the glove's resistance cannot be reliably assessed in advance and must therefore be tested before use.

D. – Eye and face protection.

Pictogram	Protective equipment	Labelling	CEN standards	Notes
 **Mandatory face protection**	**Panoramic safety goggles for protection against liquid splashes and/or flying particles**	CE CAT II	EN 166:2001 EN ISO 4007:2012	Clean daily and disinfect regularly according to the manufacturer's instructions. Recommended in case of risk of liquid splashes.

E. – Body protection

Pictogram	Protective equipment	Labelling	CEN standards	Notes
	Protective work clothing	CE CAT I		Replace if any signs of damage are observed. For prolonged exposure to the product, professional/industrial users are advised to use PPE Category III, in compliance with the standards EN ISO 6529:2001, EN ISO 6530:2005, EN ISO 13688:2013, and EN 464:1994.
	Slip-resistant work shoes	CE CAT II	EN ISO 20347:2012	Replace if any signs of damage are observed. For prolonged exposure to the product, professional/industrial users are advised to use PPE Category III footwear, in compliance with EN ISO 20345 and EN 13832-1 standards.

F. – Additional emergency protective measures

Emergency measures	Standards
 **Emergency shower**	ANSI Z358-1 ISO 3864-1:2002
 **Emergency eye wash unit**	DIN 12 899 ISO 3864-1:2002

Environmental exposure controls:
Under applicable EU environmental protection legislation, it is recommended to prevent the release of the product and its packaging into the environment. For more information, see Section 7.1.

Volatile Organic Compounds (VOC):
In accordance with the requirements of the Journal of Laws 2018, item 680, this product has the following characteristics:

- **VOC content:** 0% by weight
- **VOC density at 20°C:** 0 kg/m^3 (0 g/L)
- **Average number of carbon atoms:** No data available
- **Average molecular weight:** No data available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:
For full information, refer to the product data sheet.

Physical appearance:

- Physical state at 20°C: Liquid
- Appearance: Not specified
- Colour: Not specified
- Odour: Not specified
- Odour threshold: No data available *

Volatility:

- Boiling point at atmospheric pressure: 100°C
- Vapour pressure at 20°C: 2350 Pa
- Vapour pressure at 50°C: 92.87 mmHg (12.38 kPa)

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- Evaporation rate: No data available *

Product characteristics:

- Density at 20°C: 1028 kg/m^3
- Relative density at 20°C: 1.028
- Dynamic viscosity at 20°C: No data available *
- Kinematic viscosity at 20°C: No data available *
- Kinematic viscosity at 40°C: No data available *
- Concentration: No data available *
- pH: ~8.5
- Vapour density at 20°C: No data available *
- Partition coefficient n-octanol/water at 20°C: No data available *
- Water solubility at 20°C: No data available *
- Degree of solubility: No data available *
- Decomposition temperature: No data available *
- Melting/freezing point: No data available *
- Explosive properties: No data available *
- Oxidising properties: No data available *

* No information available on hazards caused by the product

Flammability:

- Flash point: Non-flammable (>60°C)
- Flammability (solid, gas): No data available *
- Auto-ignition temperature: No data available *
- Lower flammability limit: No data available *
- Upper flammability limit: No data available *

Explosive properties:

- Lower explosive limit: No data available *
- Upper explosive limit: No data available *

9.2 Other information:

- Surface tension at 20°C: No data available *
- Refractive index: No data available *

* No information available on hazards caused by the product

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:
The product is non-reactive under recommended storage and handling conditions. See Section 7.

10.2 Chemical stability:
Chemically stable under conditions of proper storage and use.

10.3 Possibility of hazardous reactions:
Hazardous reactions will not occur if the product is stored and handled according to recommendations.

10.4 Conditions to avoid:
Use and store at room temperature.

Shocks and friction	Contact with air	Heating	Sunlight	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidizing agents	Flammable materials	Others
Avoid strong acids	Not applicabe	Not applicable	Not applicable	Avoid strong bases

10.6 Hazardous decomposition products:
For detailed information on decomposition products, refer to Sections 10.3, 10.4, and 10.5.
Depending on the conditions of decomposition, complex mixtures of chemical substances may be released, including carbon dioxide (CO_2), carbon monoxide (CO), and other organic compounds.
For more information, see Section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:
No experimental data are available regarding the toxicological properties of the product.

Health hazards:
In cases of repeated, prolonged exposure or concentrations exceeding the established occupational exposure limits, adverse health effects may occur depending on the route of exposure:

A – Ingestion (acute effects):

- **Acute toxicity:** Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous if swallowed. See Section 3 for more information.

- **Corrosive/Irritating:** Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous. See Section 3.

B – Inhalation (acute effects):

- **Acute toxicity:** Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous by inhalation. See Section 3.
- **Corrosive/Irritating:** Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous. See Section 3.

C – Skin and eye contact (acute effects):

- **Skin contact:** Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous in contact with skin. See Section 3.
- **Eye contact:** Causes serious eye damage.

D – CMR effects (carcinogenicity, mutagenicity, and reproductive toxicity):

- **Carcinogenicity:** Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous due to the above-mentioned effects. See Section 3.
    - **IARC:** No data available
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous. See Section 3.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous. See Section 3.

E – Sensitisation effects:

- **Respiratory sensitisation:** Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous for sensitisation. See Section 3.
- **Skin sensitisation:** Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous. See Section 3.

F – Specific target organ toxicity (STOT), single exposure:
Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous. See Section 3.

G – Specific target organ toxicity (STOT), repeated exposure:

- **Repeated exposure:** Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous. See Section 3.
- **Skin:** Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous. See Section 3.

H – Aspiration hazard:
Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous. See Section 3.

Other information:
No data available

Detailed toxicological information about the substances:
Not specified

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:
Not specified

12.2 Persistence and degradability:
No data available

12.3 Bioaccumulative potential:
Not specified

12.4 Mobility in soil:
Not specified

12.5 Results of PBT and vPvB assessment:
The product does not meet the criteria for classification as PBT or vPvB.

12.6 Other adverse effects:
Not provided

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste type (Commission Regulation (EU) No 1357/2014)
	A specific code from the European Waste Catalogue (EWC) cannot be assigned, as it depends on the way the product is used by the end user.	Not hazardous

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Waste type (Commission Regulation (EU) No 1357/2014):
No data available

Waste management (disposal and assessment):
The waste should be handed over to a specialized disposal company authorized to assess and remove the waste in accordance with Annex I and Annex II of Directive 2008/98/EC of the European Parliament and of the Council, and Journal of Laws 2013, item 21.
According to code 15 01 (2014/955/EU), if the container has been in direct contact with the product, it must be treated in the same way as the product. Otherwise, it may be treated as non-hazardous waste. Discharge into watercourses is not recommended. See subsection 6.2.

Waste management provisions:
In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH), both EU and national regulations regarding waste management apply.

Community legislation:
Directive 2008/98/EC, 2014/955/EU, Commission Regulation (EU) No 1357/2014

National legislation (Poland):

- Act of 13 June 2013 on Packaging and Packaging Waste Management (consolidated text: Journal of Laws 2018, item 150)
- Act of 14 December 2012 on Waste (consolidated text: Journal of Laws 2018, item 992)

SECTION 14: TRANSPORT INFORMATION

Other relevant information:
ADR / RID: Not applicable
IMDG: Not applicable
IATA: Not applicable

SECTION 15: REGULATORY INFORMATION

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

Substances listed as candidates for authorisation under Regulation (EC) No 1907/2006 (REACH): No data available
Substances included in Annex XIV REACH (authorisation list) and sunset dates: No data available
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: No data available
Article 95, Regulation (EU) No 528/2012 (Biocidal Products Regulation): No data available

Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals: No data available

Regulation (EC) No 648/2004 on detergents (as amended):
According to this regulation, the product meets the following criteria:
The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this statement are available to the competent authorities of the Member States and will be made available to them at their direct request or at the request of the detergent manufacturer.

Labelling regarding content:

Ingredient	Concentration range
Non-ionic surfactants	5 <= % (m/m) < 15
Amphoteric surfactants	% (m/m) < 5

Seveso III: No data available
Restrictions on the marketing and use of certain dangerous substances and mixtures (Annex XVII REACH, etc.): No data available

Specific provisions regarding the protection of human health or the environment:
It is recommended to use the information contained in this Safety Data Sheet as preliminary input for assessing local hazards and for taking appropriate measures to prevent risks related to the handling, use, storage, and disposal of this product.

Other regulations:

- Regulation (EC) No 1907/2006 (REACH) and amendments
- Regulation (EC) No 1272/2008 (CLP) and amendments
- Act of 25 February 2011 on chemical substances and their mixtures (Journal of Laws 2018, item 143)
- Various Polish national regulations regarding occupational safety, waste management, packaging, hazardous goods transport, and chemical risk prevention, as listed in the original document
- Regulation (EC) No 648/2004 on detergents and its amendments, including Regulations (EC) No 907/2006, 551/2009, and 1336/2008

The surfactants contained in this product comply with the biodegradability criteria set out in Regulation (EC) No 648/2004 on detergents. Supporting data are available to the competent authorities of the Member States and will be provided upon request.

15.2 Chemical safety assessment:
A chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

Regulations related to Safety Data Sheets:
This Safety Data Sheet has been prepared in accordance with ANNEX II – Guidance for the compilation of Safety Data Sheets of Regulation (EC) No 1907/2006 (as amended by Regulation (EU) No 2015/830).

Changes from previous versions relevant to risk management:
No data available

Text of hazard statements mentioned in Section 2:
H318: Causes serious eye damage

Text of hazard statements mentioned in Section 3:
The phrases provided do not refer to the product itself; they are included for informational purposes and relate to the individual components listed in Section 3.

Regulation (EC) No 1272/2008 (CLP):
Eye Dam. 1: H318 – Causes serious eye damage
Eye Irrit. 2: H319 – Causes serious eye irritation

Classification procedure:
Eye Dam. 1: Calculation method

Training advice:
It is recommended that personnel handling this product receive basic training in workplace safety to facilitate the understanding and interpretation of the Safety Data Sheet and product labelling.

Key sources of information:

- http://echa.europa.eu
- http://eur-lex.europa.eu

Abbreviations and acronyms used in this document:

- **Suppl. classific.:** Supplier's classification
- **ADR:** European Agreement concerning the International Carriage of Dangerous Goods by Road
- **IMDG:** International Maritime Dangerous Goods Code
- **IATA:** International Air Transport Association
- **ICAO:** International Civil Aviation Organization
- **COD:** Chemical Oxygen Demand
- **BOD:** Biochemical Oxygen Demand (5 days)
- **BCF:** Bioconcentration Factor
- **Log POW:** Octanol-water partition coefficient (logarithmic)
- **OEL:** Occupational Exposure Limit

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- **STEL:** Short-Term Exposure Limit
- **EC50:** Effective concentration for 50% of the population
- **LD50:** Median lethal dose
- **LC50:** Median lethal concentration
- **PBT:** Persistent, Bioaccumulative and Toxic
- **vPvB:** Very Persistent and Very Bioaccumulative
- **PPE:** Personal Protective Equipment
- **STP:** Sewage Treatment Plant
- **Henry:** Henry's Law constant – solubility as a function of partial pressure
- **EC:** EINECS/ELINCS number
- **EINECS:** European Inventory of Existing Commercial Chemical Substances
- **ELINCS:** European List of Notified Chemical Substances
- **CEN:** European Committee for Standardization
- **STOT:** Specific Target Organ Toxicity
- **Koc:** Organic carbon normalized adsorption coefficient
- **DNEL:** Derived No-Effect Level
- **PNEC:** Predicted No-Effect Concentration

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The information provided in this Safety Data Sheet is based on sources, technical knowledge, and applicable European and national legislation; however, its accuracy cannot be fully guaranteed. This information should not be interpreted as a guarantee of product properties, but rather as a description of the safety requirements.

The methods and conditions of use for this product are beyond our knowledge and control, and it is therefore the responsibility of the user to take appropriate measures to comply with the legal requirements regarding the handling, storage, use, and disposal of chemical products.

The information contained in this Safety Data Sheet refers only to the specified product and must not be used for purposes other than those expressly stated herein.

- End of Safety Data Sheet-