SAFETY DATA SHEET

According to Commission Regulation (EU) 2015/830 of 28 May 2015

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

1.1 Product identifier

PRODUCT NAME: ACTIVE FOAM

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

Relevant identified uses:	Automotive industry. Active, neutral car wash foam. For professional use.
Uses advised against:	Not specified

1.3 Details of the supplier of the safety data sheet

	FX International Sp. z o.o.
Address:	ul. Mikołowska 65, 44-203 Rybnik
Tel.:	+48 577 899 066
E-mail address of competent person responsible for the SDS:	biuro@fxprotect.pl FX International Sp. z o.o.

1.4 Emergency telephone number

112 (24-hour)

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification based on producer/distributor documentation.

Eye Dam. 1	H318
Aquatic Chronic 3	H412

2.2 Label elements

GHS05

Signal word: **DANGER**

Identifier: Contains:
cocamidopropyl betaine
amides, coco, N,N-bis(hydroxyethyl)
amines, C12-14-alkyldimethyl, N-oxides

Hazard statement(s)

H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.

Supplemental information on the label

NOT APPLICABLE

Precautionary statement(s)

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305 + P351 + P338 + P310	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

Supplemental Hazard information (EU):

No specific information.

Contents in accordance with 648/2004/EC Directive:

≥5%, but <15% anionic surfactants
≥5%, but <15% amphoteric surfactants
perfume (LIMONENE)
preservatives (METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE)

2.3 Other hazards

No information on meeting the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII

Section 3. Composition/information on ingredients

3.1 Substances

NOT APPLICABLE

3.2 Mixtures

cocamidopropyl betaine				
REACH No	01-2119488553-30			
Index No	NOT APPLICABLE			
EC No	263-058-8			
CAS No	61789-40-0			
Concentration %	5-15			
Classification according to 1272/2008/EC	Aquatic Chronic 3 Eye Dam. 1	H412 H318	- GHS05	- Dgr

amides, coco, N,N-bis(hydroxyethyl)				
REACH No	A registration number for this substance is not available as the substance or its use is exempted from registration according to Article of REACH Regulation (EC) No 1907/2006 or the annual tonnage does not require a registration.			
Index No	NOT APPLICABLE			
EC No	271-657-0			
CAS No	68603-42-9			
Concentration %	<5			
Classification according to 1272/2008/EC	Skin Irrit. 2 Eye Dam. 1	H315 H318	GHS07 GHS05	Wng Dgr

amines, C12-14-alkyldimethyl, N-oxides				
REACH No	01-2119490061-47			
Index No	NOT APPLICABLE			
EC No	931-292-6			
CAS No	308062-28-4			
Concentration %	<5			
Classification according to 1272/2008/EC	Acute Tox. 4 Skin Irrit. 2 Aquatic Acute 1 Aquatic Chronic 2 Eye Dam. 1	H302 H315 H400 H411 H318	GHS07 GHS07 GHS09 GHS09 GHS05	Wng Wng Wng - Dgr	M=1

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)				
REACH No	A registration number for this substance is not available as the substance or its use is exempted from registration according to Article of REACH Regulation (EC) No 1907/2006 or the annual tonnage does not require a registration.			
Index No	611-341-5			
EC No	613-167-00-5			
CAS No	55965-84-9			
Concentration %	<0,0015			
Classification according to 1272/2008/EC	Acute Tox. 3 Acute Tox. 2 Skin Sens. 1A Acute Tox. 3 Aquatic Acute 1 Aquatic Chronic 1 Skin Corr. 1B	H301 H310 H317 H331 H400 H410 H314	GHS08 GHS08 GHS07 GHS08 GHS09 GHS09 GHS05	Dgr Dgr Wng Dgr Wng M=100 Wng M=10 Dgr

Components not classified:

Name:	CAS No:	EC No:	Content [%]
-	-	-	-

For full text of H-statements: see SECTION 16.

Section 4. First aid measures

4.1 Description of first aid measures

General notes

Do not distribute anything orally to an unconscious person. In case of accident or feel unwell, seek medical advice immediately (show the label). If symptoms persist or in any doubt, seek medical advice. If the victim is not breathing, immediately give artificial respiration.

Inhalation

Remove to fresh air. Keep the affected person warm and calm.

Skin contact

Wash with plenty of soap and water.

Eye contact

Rinse eyes with plenty of water (if possible with eye wash) for several minutes (with eyelid opened), avoid strong water jet due to risk of corneal damage. Remove contact lenses during washing. Immediate consult ophthalmologist.

Note: People exposed to eye contamination should be advised on the necessity and methods of flushing.

Ingestion

Do not induce vomiting - increases the risk of aspiration.

If the victim is completely conscious, rinse the mouth thoroughly with water and provide a small amount of water to drink. If symptoms of gastrointestinal irritation occur consult a doctor, if it is possible show the container, label or SDS.

Protection of first-aiders:

Do not take any action that would harm anyone unless you are properly trained. Always use personal protective equipment.

4.2 Most important symptoms and effects, both acute and delayed

Eye contact	Redness, tearing, pain
Inhalation	No specific information.
Skin contact	Pain or irritation, redness, blisters. Has a degreasing effect on the skin.
Ingestion	Abdominal pain, nausea.

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

Seek medical advice in case of accident or malaise. Do not induce vomiting or give anything by mouth to an unconscious person. Show the safety data sheet or label / package to the medical staff providing the assistance. Helpers under an unknown concentration of vapors / mist should be provided with adequate respiratory protection.

Section 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	Non-flammable solution. Adapt to the surrounding materials.
Unsuitable extinguishing media	Water jets

5.2 Special hazards arising from the substance or mixture

Produces suffocating and toxic fumes on combustion containing carbon oxides, nitrogen oxides. Inhalation of combustion products leads to serious health risks.

5.3 Advice for firefighters

Follow the procedures for extinguishing fires of chemicals. In case of fire involving large quantities of product, all persons should be removed / evacuated from the danger area. Closed containers exposed to fire or high temperature to be cooled down with water spray from a safe distance, if possible, and safely remove them from the hazard area. Do not allow fire extinguishing sewerage to enter sewage system and water bodies. Dispose of effluent and fire residue in accordance with local regulations. Persons involved in firefighting should be trained, equipped with self-contained breathing apparatus and full protective clothing.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes, skin and clothing. Provide ventilation. Avoid breathing vapors. Use personal protective equipment.

6.2 Environmental precautions

Do not allow the product to enter sewers, water and soil. Limit the spread of the product after release.

6.3 Methods and material for containment and cleaning up

Place the damaged packaging in the replacement packaging. Dilute the vapors (if accumulated) with a spray of water. Small amounts of released product should be absorbed with inert, non-flammable absorbent material (e.g. soil, sand, vermiculite), collected in a closed, labeled waste container. Dispose of in accordance with local regulations. If necessary, to remove product or contaminated product absorbent material, enlist the help of specialized companies engaged in transportation and elimination of waste. Thoroughly ventilate release site.

6.4 Reference to other sections

Refer to Section 8 for appropriate personal protective equipment. For disposal information, see section 13. Refer to Section 7 for precautionary measures.

Section 7. Handling and storage

7.1 Precautions for safe handling

Do not inhale vapors. Avoid contact with skin, eyes and clothing. Provide adequate ventilation. Keep unused containers tightly closed. Observe the basic rules of hygiene: do not eat, drink or smoke during work; each time after finishing / stopping work, wash your hands with water.

7.2 Conditions for safe storage, including any incompatibilities

- Pay attention to warnings on the label.
- Store only in certified, original, properly labeled, sealed packaging.
- Prohibit access to unauthorized persons.
- Open containers close carefully and hold upright.
- Store on a hard surface.
- Store in a dry, cool, well-ventilated area.
- Keep away from strong oxidants, strong alkalis, and strong acids.
- Do not release to drains, surface or ground water (this also includes empty containers).
- Recommended storage temp.5-30 ºC.

7.3 Specific end use(s)

Application method according to information provided by the manufacturer or distributor.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Legal basis:

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 (Text with EEA relevance)

TWA, STEL

No specific information.

DNEL

cocamidopropyl betaine

DNEL workers	long-term exposure	skin	systemic effects	12,5	mg/kg b.w./day
DNEL workers	long-term exposure	inhalation	systemic effects	44	mg/m^3
DNEL consumers	short-term exposure	skin	systemic effects	7,5	mg/kg b.w./day
DNEL consumers	short-term exposure	ingestion	systemic effects	7,5	mg/kg b.w./day

PNEC

cocamidopropyl betaine

PNEC marine water	-	mg/l
PNEC sweet water	0,0135	mg/l
PNEC marine water sediment	0,00135	mg/kg
PNEC fresh water sediment	1	mg/kg
PNEC soil	0,805	mg/kg
PNEC air	-	mg/l
PNEC sewage treatment plant	-	mg/l
PNEC intermittent release	-	mg/l
PNEC STP-microorganisms	-	mg/kg

8.2 Exposure controls

Observe general safety and hygiene rules. Do not eat, drink or smoke during product handling. Wash hands before meals and after work. Wash contaminated clothing before reuse. Avoid contact with skin, eyes and clothes. Avoid inhalation of vapors. Provide effective local ventilation in workstations, and general ventilation.

Respiratory protection:

Ensure proper ventilation. Respiratory protection must be used if air pollution exceeds permissible concentrations.
Recommended half-mask or full-face mask with type A2 absorber.

Skin protection:

Protective clothing consisting of a shirt fastened at the neck, buttoned cuffs and trousers lined with shoes.
In order to protect exposed skin it is recommended to use moisturizing creams, but they should not be used immediately after exposure.

Hand protection:

Protective gloves.

Recommended material:	natural rubber
Thickness:	>0,1mm
Permeation time:	>30min

Eye and face protection:

In case of prolonged exposure or splashes of liquid hazard, wear safety sealed goggles according to EN 166. It is recommended to equip the workplace in a water shower for rinsing eyes.

Thermal hazards:

Heating can release hazardous gases. Flame or intense heat may cause violent rupture.

Environmental exposure controls:

Should not be released into the environment. If the product contaminates rivers and lakes or drains inform respective authorities.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Parameter	Value
Appearance (20°C)	Pale-yellow liquid
Odour	Grape
Odour threshold	Not determined
pH	7-9
Melting point/freezing point (°C)	Not determined
Initial boiling point and boiling range (°C)	>35
Flash point (°C)	Not applicable – non-flammable liquid
Evaporation rate	Not determined
Flammability (solids, gases)	Not applicable – liquid
Flammability or explosive limits [% v/v]: upper lower	Not applicable – does not create explosive atmosphere
Vapour pressure (20°C, mmHg)	Not determined
Vapour density (air = 1)	Not determined
Density (20°C, g/cm^3)	0,95-1,05
Solubility	Unlimited in water
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature (°C)	Not applicable – non-flammable liquid
Decomposition temperature (°C)	Not determined
Viscosity kinematic (cm^2/s, 40°C) dynamic (mPa·s, 25°C)	Not determined
Explosive properties	Does not create an explosive atmosphere with air
Oxidising properties	Not applicable

9.2 Other information

No specific information.

Section 10. Stability and Reactivity

10.1 Reactivity

There is no specific test data for reactivity for this product.

10.2 Chemical stability

Stable under normal ambient conditions, as well as under expected temperature and pressure during storage and handling.

10.3 Possibility of hazardous reactions

Under recommended storage and use conditions, no hazardous reactions should occur.

10.4 Conditions to avoid

Extreme temperatures.

10.5 Incompatible materials

Do not mix with other chemicals (especially salts, acids, bases).

10.6 Hazardous decomposition products

Oxide and carbon dioxide can be formed during combustion.

Section 11. Toxicological information

This product has been evaluated following the conventional method specified by the EU Directive and is appropriately classified in terms of toxicity. Details are given in Sections 2 and 3.

11.1 Information on toxicological effects

Acute toxicity	No specific information
Skin corrosion/irritation	No specific information
Serious eye damage/irritation	Irritating, may cause eye damage
Respiratory or skin sensitisation	No specific information
Germ cell mutagenicity	No specific information
Carcinogenicity	No specific information
Reproductive toxicity	No specific information
STOT-single exposure	No specific information
STOT-repeated exposure	No specific information
Aspiration hazard	No

Section 12. Ecological information

For more information on possible environmental effects, see Section 2.1. (classification). No data for the final product, the evaluation was made based on the individual components.

12.1 Toxicity

Do not allow to enter surface waters, watercourses or sewage system.

Fish	
amides, coco, N,N-bis(hydroxyethyl)	LC50: 2,4 mg/l/96h
amines, C12-14-alkyldimethyl, N-oxides	LC50 3,46mg/l/96h Pimephales promelas
Daphnia and other aquatic invertebrates	
amides, coco, N,N-bis(hydroxyethyl)	EC50: 3,2 mg/l/48h Daphnia magna
amines, C12-14-alkyldimethyl, N-oxides	EC50 10,4mg/l/48h Daphnia magna
Algae	
amides, coco, N,N-bis(hydroxyethyl)	LD50: 3,9 mg/l/72h
amines, C12-14-alkyldimethyl, N-oxides	EC50 0,266mg/l/72h Selenastrum capricornutum

12.2 Persistence and degradability

cocamidopropyl betaine	Easily biodegradable
amides, coco, N,N-bis(hydroxyethyl)	Biodegradation: 86% (OECD 301E) 72.4% (OECD 301D). Substance is easily biodegradable
amines, C12-14-alkyldimethyl, N-oxides	Biodegradable

12.3 Bioaccumulative potential

No specific information.

12.4 Mobility in soil

No specific information.

12.5 Results of PBT and vPvB assessment

No information on meeting the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII

12.6 Other adverse effects

The product should not enter the water or sewerage system or the soil.

Section 13. Disposal considerations

13.1 Waste treatment methods

Advice on disposal of waste and packaging: Disposal: In accordance with local and national regulations.
Clean containers can be disposed of as non-hazardous waste.

Waste codes should be specified by the user based on the way the product is used.
Waste code proposal:
20 01 29* detergents containing hazardous substances
The packaging waste code:
15 01 10 * packaging containing residues of or contaminated by hazardous substances

Section 14. Transport Information

The product is not subject to regulations on the transport of dangerous goods included in ADR (road), RID (rail), ADN (inland transport), IMDG (sea), ICAO / IATA (air).
Quantities excluded:
The maximum net amount for inner packaging: -
The maximum net quantity for outer packaging: -

	ADR
14.1 UN number	NOT APPLICABLE
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	Not hazardous to the environment according to the transport regulations.
14.6 Special precautions for user	When handling a load wear personal protective equipment according to section 8. Quantity limited: - Tunnel restriction code: - Hazard identification number: - Proceedings: - Special provision: -
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Does not apply in the form in which it was delivered.

Section 15. Regulatory information

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

1) Regulation (EC) No. 1907/2006 (Annex II Guidelines for the preparation of Safety Data Sheets)
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, Authorisation and Restriction of Chemicals (REACH) (OJ L 132/8 29.5.2015, CELEX 32015R0830)
3) Commission Regulation (EU) No. 453/2010 of 20 May 2010 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (OJ L 133 31.5.2010, CELEX 32010R0453)
4) 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 (OJ L 353 31.12.2008, CELEX 32008R1272)
5) 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, 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 (OJ L 396 30.12.2006, CELEX 32006R1907)
6) Directive 2008/98/EC of the European Parliament and of the Council on waste and repealing some Directives (OJ L 312 22.11.2008, CELEX 32008L0098).
7) Regulation (EC) No. 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer (OJ L 286 31 October 2009, CELEX 32009R1005).
8) Directive 2008/68/EC of the European Parliament and of the Council of 24 September 2008 on the inland transport of dangerous goods (Text with EEA relevance) (OJ L 260 30.9.2008, CELEX 32008L0068)

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council of 4 July 2012 on the control of major-accident hazards involving dangerous substances

Category	Threshold value for lower-tier establishment [t]	Threshold value for upper-tier establishment [t]
NOT APPLICABLE	-	-

15.2 Chemical Safety Assessment

No chemical safety assessment has been made for the product.

Section 16. Other information

The data contained herein refer to the product in commercial form.

Relevant H-statements (number and full text)

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H331	Toxic if inhaled
H400	Very toxic to aquatic life.
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.

Hazard classes and categories

Acute Tox. 2	Acute toxicity	Category	2
Acute Tox. 3	Acute toxicity	Category	3
Acute Tox. 4	Acute toxicity	Category	4
Aquatic Acute 1	Hazardous to the Aquatic environment	Category	1
Aquatic Chronic 1	Hazardous to the Aquatic environment	Category	1
Aquatic Chronic 2	Hazardous to the Aquatic environment	Category	2

Aquatic Chronic 3	Hazardous to the Aquatic environment	Category	3
Eye Dam. 1	Eye damage / irritation	Category	1
Skin Corr. 1B	Skin corrosion / irritation	Category	1B
Skin Irrit. 2	Skin corrosion / irritation	Category	2
Skin Sens. 1A	Skin sensitization	Category	1A

Abbreviations and acronyms

ACGIH	Association Advancing Occupational and Environmental Health
ADN	L' Accord européen relatif au transport international des marchandises Dangereuses par voies de navigation intérieures –The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	Accord Dangereux Routier - European regulations concerning the international transport of dangerous goods by road
ASTM	American Society for Testing and Materials
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BGW	Biologischer Grenzwert (biological limit value, Germany)
CAS	Chemical Abstract Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
CMR	Carcinogenic, Mutagenic or Toxic to Reproduction
CSA	Chemical safety assessment
CSR	Chemical safety report
DIN	Deutsches Institut für Normung - German Institute for Standardisation
DNEL	Derived No-effect Level
EC	European Community
EC50	Median Effective Concentration (required to induce a 50% effect)
ES	Exposure Scenario
EWC	European Waste Catalogue
GHS	Global Harmonized System
IATA	International Air Transport Association
IC50	Median Inhibition Concentration (concentration that reduces the effect by 50%)
IMDG	International Maritime Dangerous Goods Code
ISO	International Organization for Standardization
LC50	Lethal Concentration, 50%
LD50	Lethal Dose, 50%
LDLo	Lethal Dose Low
LogPow	octanol/water partition coefficient
VOC	Volatile organic compound
MARPOL 73/78	The International Convention for the Prevention of Pollution from Ships
NIOSH	The U.S. National Institute for Occupational Safety and Health
NOEC	No Observed Effect Concentration
OECD	Organization for Economic Co-operation and Development
OSHA	Occupational Safety & Health Administration
PBT	Persistent Bioaccumulative Toxic (chemical)
PEL	Permissible Exposure Limits
PNEC	Predicted No Effect Concentration
REACH	Regulation 1907/2006/EC for Registration, Evaluation, Authorization and Restriction of Chemical
RID	Regulations Concerning the International Transport of Dangerous Goods by Rail
RRN	REACH registration number
STEL	Short Term Exposure Limit
STOT RE	Specific target organ toxicity – repeated exposure
STOT SE	Specific target organ toxicity – single exposure
SVHC	Substances of very high concern
TWA	Time Weighted Average
vPvB	very Persistent very Bioaccumulative (chemical)

The information in this SDS is based on the present state of our knowledge and current law basis. The product is not to be used for purposes other than those specified under Section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.

*The SDS has been developed by **Pro-Perfekt, biuro@properfekt-msds.pl***