

BATFOAM

Issued on 07/11/2022 - Rel. # 5 on 07/11/2022

#1/14

In conformity to Regulation (EU) 2020/878

SECTION 1. Identification of the substance/mixture and of the company/enterprise

1.1. Product identifier

Product name: BATFOAM

Product code: refer to sales department

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

Sectors of use: Industrial Manufacturing[SU3] Product category: **Anti-Foaming Agents**

Not recommended uses Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

AEB SpA - Via Vittorio Arici 104 S.Polo - 25134 Brescia (BS) Italy Tel. +39.030.2307.1 Fax +39.030.2307281

E-mail: info@aeb-group.com - Internet: www.aeb-group.com E-mail tecnico competente/technical dept.: sds@aeb-group.com

AEB USA 111 N Cluff Avenue Lodi CA 95240 (USA)

Tel: +1 2096258139 Fax: +1 2092248953

Email: info@aebusa.com - Internet: www.aeb-group.com

AEB AFRICA (PTY) LTD 18 Track Crescent, Cor. Station Road Montague Gardens 7441 Cape Town (South Africa)

Tel.: +27 215512700 - Fax: +27 (0) 215511919

Email: info@aeb.co.za - Internet: www.aeb-group.com

AEB OCEANIA PTY LTD 178A Wakaden Street Griffith NSW 2680

T: 1300 704 971

Email: aeboceania@aeb-group.com - Internet: www.aeb-group.com

Produced by AEB SpA Via Vittorio Arici 104 S. Polo 25134 Brescia



BATFOAM

Issued on 07/11/2022 - Rel. # 5 on 07/11/2022

#2/14

In conformity to Regulation (EU) 2020/878

1.4. Emergency telephone number

AEB SpA

Centralino/Switchboard: +39.030.2307.1 - (h 8.30-12.00 13.30-18.00 GMT +1; Lingua/Language: Italiano, English)

AEB USA

Switchboard: +1 2096258139 (GMT -8; Language: English)

AEB AFRICA (PTY) LTD

Switchboard: +27 215512700 (GMT +1; Language: English, Afrikaans)

AEB OCEANIA PTY LTD

Switchboard: +61 1300 704 971 (GMT +9; Language: English)

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:

GHS07

Hazard Class and Category Code(s):

Skin Sens. 1A, Eye Irrit. 2, Aquatic Chronic 3

Hazard statement Code(s):

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H412 - Harmful to aquatic life with long lasting effects.

If brought into contact with eyes, the product causes significant irritations which may last for more than 24 hours. The product, if brought into contact with skin can cause skin sensitization.

The product is dangerous to the environment as it is harmful to aquatic life with long lasting effects

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):

GHS07 - Warning

Hazard statement Code(s):

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H412 - Harmful to aquatic life with long lasting effects.

Supplemental Hazard statement Code(s):

not applicable

Precautionary statements:

Prevention

P261 - Avoid breathing vapours/spray.

(!)



BATFOAM

Issued on 07/11/2022 - Rel. # 5 on 07/11/2022

#3/14

In conformity to Regulation (EU) 2020/878

P280 - Wear protective gloves and eye/face protection.

Response

P302+P352 - IF ON SKIN: Wash with plenty of water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

Disposal

P501 - Dispose of contents/container to local/regional/national/international regulations

Contains:

Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one [No. CE 247-500-7) and 2-methyl-2H-isothiazol-3-one [No. CE 220-239-6] (3:1)

2.3. Other hazards

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

Do not ingest. Keep out of reach of children.

SECTION 3. Composition/information on ingredients

3.1 Substances

Irrilevant

3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

Substance	Concentration[w/w]	Classification	Index	CAS	EINECS	REACh
tridecyl alcohol ethoxylate	>= 1 < 2,5%	Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 3, H412 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1		78330-21-9		Polymer
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [No. CE 247-500-7) and 2-methyl-2H-isothiazol-3-one [No. CE 220-239-6] (3:1) B	>=0,0015 < 0,01%	EUH071; Acute Tox. 3, H301; Acute Tox. 2, H310; Skin Corr. 1C, H314; Skin Sens. 1A, H317; Eye Dam. 1, H318; Acute Tox. 2, H330; Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Limits: Skin Corr. 1C, H314 %C >=0,6; Skin Irrit. 2, H315 0,06<= %C <0,6; Eye Dam. 1, H318 %C >=0,6;	613-167-00-5	55965-84-9		01-2120764 691-48-XXX X



BATFOAM

Issued on 07/11/2022 - Rel. # 5 on 07/11/2022

#4/14

In conformity to Regulation (EU) 2020/878

Substance	Concentration[w/w]	Classification	Index	CAS	EINECS	REACh
		Eye Irrit. 2, H319 0,06<= %C <0,6; Skin Sens. 1A, H317 %C >=0,0015; Acute toxicity M-factor = 100 Chronic toxicity M-factor = 100				

SECTION 4. First aid measures

4.1. Description of first aid measures

Inhalation:

Ventilate the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

Direct contact with skin (of the pure product).:

Take off immediately contaminated clothing.

Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product.

In case of contact with skin, wash immediately with watrer.

Direct contact with eyes (of the pure product).:

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately

Do not use eye drops or ointments of any kind before the examination or advice from an oculist.

Ingestion:

Not dangerous. In case of malaise consult a doctor.

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

No data available.

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

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

SECTION 5. Firefighting measures

5.1. Extinguishing media

Suggested extinguishing media:

Water spray, CO2, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing media to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

5.2. Special hazards arising from the substance or mixture

No data available.

SAFETY DATA SHEET

BATFOAM

Issued on 07/11/2022 - Rel. # 5 on 07/11/2022

#5/14

In conformity to Regulation (EU) 2020/878

5.3. Advice for firefighters

Use protection for the breathing apparatus

Safety helmet and full protective clothing.

The water spray can be used to protect the people involved in the extinction.

You may also use self-contained breathing apparatus, especially when working in confined and poorly ventilated areas. Keep containers cool with water spray

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke

Wear mask, gloves and protective clothing.

6.1.2 For emergency responders:

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Privide a sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

Contain spills with earth or sand.

If the product has entered a watercourse, sewers or has contaminated soil or vegetation, notify the authorities.

Dispose of the waste material in compliance with the regulations

6.3. Methods and material for containment and cleaning up

6.3.1 Containment:

Rapidly recover the product, wear a mask and protective clothing (for specifications refer to section 8.2. SDS) Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert materia or sucked it. Prevent it from entering the sewer system.

6.3.2 Cleaning up:

After wiping up, wash with water the area and materials involved

6.3.3 Other information:

None in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors

Wear protective gloves and eye/face protection.

Handle the product after consulting all other sections of this safety data sheet.

At work do not eat or drink.

Contaminated work clothing should not be allowed out of the workplace.

BATFOAM

Issued on 07/11/2022 - Rel. # 5 on 07/11/2022

#6/14

In conformity to Regulation (EU) 2020/878

See also paragraph 8 below.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabelled containers. Keep containers upright and safe by avoiding the possibility of falls or collisions. Store in a cool and dry place, away from heat sources and direct exposure to sunlight.

7.3. Specific end use(s)

Industrial Manufacturing: Handle with extreme caution. Store in a well ventilated place away from heat sources.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

================

Related to contained substances:

Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one [No. CE 247-500-7) and 2-methyl-2H-isothiazol-3-one [No. CE 220-239-6] (3:1):

Limit value - Eight hours

(ppm)/(mg/m3)

TLV-TWA 0,05 mg/m3

Austria: x/0.05 Germany: x/0.2 (1) Switzerland: x/0.2 (1)

Limit Value - Short Term

(ppm)/(mg/m3)

Austria: x/x

Germany: x/0.4 (1) (2) Switzerland: x/0.4 (1)

Remarks

Germany (DFG) (1) Inhalable fraction (2) 15 minutes average value Switzerland (1) inhalable fraction

- Substance: Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one [No. CE 247-500-7) and 2-methyl-2H-isothiazol-3-one [No. CE 220-239-6] (3:1)

DNEL

Systemic effects Long term Consumers oral = 0,009 (mg/kg bw/day)

Systemic effects Short term Consumers oral = 0,011 (mg/kg bw/day)

Local effects Long term Workers inhalation = 0,02 (mg/m3)

Local effects Long term Consumers inhalation = 0,02 (mg/m3)

Local effects Short term Workers inhalation = 0,04 (mg/m3)

Local effects Short term Consumers inhalation = 0,04 (mg/m3)

PNEC

Sweet water = $0.00339 \, (mg/l)$

sediment Sweet water = 0,027 (mg/kg/sediment)

Sea water = $0.00339 \, (mg/l)$

sediment Sea water = 0,027 (mg/kg/sediment)

AEBIMPROVEMENT THROUGH BIOTECHNOLOGY

SAFETY DATA SHEET

BATFOAM

Issued on 07/11/2022 - Rel. # 5 on 07/11/2022

#7/14

In conformity to Regulation (EU) 2020/878

intermittent emissions = 0,00339 (mg/l) STP = 0,23 (mg/l) ground = 0,01 (mg/kg ground)

8.2. Exposure controls

Appropriate engineering controls:

Industrial Manufacturing:

No specific monitoring foreseen (act according to good practice and specific rules for the type of risk associated)

- 8.2.2 Individual protection measures:
 - (a) Eye / face protection

Wear protective goggles (EN 166).

- (b) Skin protection
- (i) Hand protection

When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3)

(ii) Other

During working operation wear protective clothing (generic workwear / antacid, safety shoes or other protective equipment) according to the instructions of the employer

(c) Respiratory protection

Not needed for normal use.

None required if airborne concentrations are maintained below the exposure limit listed in Exposure Limit Information. Use certified respiratory protection equipment meeting EU requirements (89/656/EEC, 245/2016 UE), or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization.

(d) Thermal hazards No hazard to report

Environmental exposure controls:

Use according to good working practices and avoid to disperse the product into the environment.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Physical state	Liquid	
Colour	white	
Odour	characteristic	
	not determined as considered not relevant for the characterization of the product	
	not determined as considered not relevant for the characterization of the product	



BATFOAM

Issued on 07/11/2022 - Rel. # 5 on 07/11/2022

#8/14

In conformity to Regulation (EU) 2020/878

Physical and chemical properties	Value	Determination method
Boiling point or initial boiling point and boiling range	not determined as considered not relevant for the characterization of the product	
Flammability	not determined as considered not relevant for the characterization of the product	
Lower and upper explosion limit	not determined as considered not relevant for the characterization of the product	
Flash point	not determined as it is considered not relevant for the characterization of the product	
Auto-ignition temperature	not determined as considered not relevant for the characterization of the product	
Decomposition temperature	not determined as considered not relevant for the characterization of the product	
рН	6,0 ± 0,5 (20°C; 100%); 7,0 ± 0,5 (20°C; Sol. 0.5%)	
Kinematic viscosity	not determined as considered not relevant for the characterization of the product	
Solubility	in water	
Water solubility	soluble	
Partition coefficient n-octanol/water (log value)	not determined as considered not relevant for the characterization of the product	
Vapour pressure	not determined as considered not relevant for the characterization of the product	
Density and/or relative density	1,00 ± 0,05 (20°C)	
Relative vapour density	not determined as considered not relevant for the characterization of the product	
Particle characteristics	not determined as considered not relevant for the characterization of the product	

9.2. Other information

9.2.1 Information with regard to physical hazard classes

No data available.

9.2.2 Other safety characteristics

No data available.

SECTION 10. Stability and reactivity

10.1. Reactivity

No reactivity hazards

10.2. Chemical stability

The product is stable under normal conditions of use and storage. Non-corrosive to all materials with which it may come into contact during use.

SAFETY DATA SHEET

BATFOAM

Issued on 07/11/2022 - Rel. # 5 on 07/11/2022

#9/14

In conformity to Regulation (EU) 2020/878

10.3. Possibility of hazardous reactions

There are no hazardous reactions

10.4. Conditions to avoid

None to report

10.5. Incompatible materials

It can generate flammable gases in contact with elementary metals, nitrides, inorganic sulfides, strong reducing agents. It can generate toxic gases in contact with inorganic sulfides, strong reducing agents.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11. Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

(a) acute toxicity: tridecyl alcohol ethoxylate: Ingestion - LD50 rat (mg / kg / 24h bw):> 5000

Skin contact - LD50 rabbit (mg / kg / 24h bw):> 2000

Inhalation - LD50 rat (mg / I / 4h): na

Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one [No. CE 247-500-7) and 2-methyl-2H-isothiazol-3-one [No. CE

220-239-6] (3:1): LD50 oral rat 64- 561 mg / kg bw

LC50 (4 h) inhalation rat 1.23 mg / m3

LD50 660 mg / kg bw dermal rabbit

(b) skincorrosion/irritation: tridecyl alcohol ethoxylate: Not corrosive

Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one [No. CE 247-500-7) and 2-methyl-2H-isothiazol-3-one [No. CE 220-239-6] (3:1): Corrosive

tridecyl alcohol ethoxylate: Species: Rabbit Method: OECD Test Guideline 404 Result: No skin irritation Value taken from literature

Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one [No. CE 247-500-7) and 2-methyl-2H-isothiazol-3-one [No. CE 220-239-6] (3:1): Irritating

(c) serious eye damage/irritation: If brought into contact with eyes, the product causes significant irritations which may last for more than 24 hours.

tridecyl alcohol ethoxylate: Species: Rabbit Method: OECD Test Guideline 405 Result: Risk of serious damage to eyes. Value taken from the literature

Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one [No. CE 247-500-7) and 2-methyl-2H-isothiazol-3-one [No. CE 220-239-6] (3:1): Corrosive

tridecyl alcohol ethoxylate: Corrosive

Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one [No. CE 247-500-7) and 2-methyl-2H-isothiazol-3-one [No. CE 220-239-6] (3:1): Irritating

(d) respiratoryorskinsensitisation: The product, if brought into contact with skin can cause skin sensitization. tridecyl alcohol ethoxylate: Not sensitizing

Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one [No. CE 247-500-7) and 2-methyl-2H-isothiazol-3-one [No. CE 220-239-6] (3:1): Sensitizing

SAFETY DATA SHEET

BATFOAM

Issued on 07/11/2022 - Rel. # 5 on 07/11/2022

10 / 14

In conformity to Regulation (EU) 2020/878

(e) germ cell mutagenicity: tridecyl alcohol ethoxylate: Non toxic

Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one [No. CE 247-500-7) and 2-methyl-2H-isothiazol-3-one [No. CE 220-239-6] (3:1): Not available

(f) carcinogenicity: tridecyl alcohol ethoxylate: Non toxic

Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one [No. CE 247-500-7) and 2-methyl-2H-isothiazol-3-one [No. CE 220-239-6] (3:1): Not available

(g) eproductivetoxicity: tridecyl alcohol ethoxylate: Non toxic

Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one [No. CE 247-500-7) and 2-methyl-2H-isothiazol-3-one [No. CE 220-239-6] (3:1): Not available

(h) specific target organ toxicity (STOT) single exposure: tridecyl alcohol ethoxylate: Non toxic

Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one [No. CE 247-500-7) and 2-methyl-2H-isothiazol-3-one [No. CE 220-239-6] (3:1): Toxic if swallowed and in contact with skin

(i) specific target organ toxicity (STOT) repeated exposuretridecyl alcohol ethoxylate: Non toxic

Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one [No. CE 247-500-7) and 2-methyl-2H-isothiazol-3-one [No. CE 220-239-6] (3:1): Not available

(j) aspiration hazard: Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one [No. CE 247-500-7) and 2-methyl-2H-isothiazol-3-one [No. CE 220-239-6] (3:1): Not available

11.2. Information on other hazards

No data available.

SECTION 12. Ecological information

12.1. Toxicity

Related to contained substances:

tridecyl alcohol ethoxylate:

Acute toxicity - fish LC50 (mg / I / 96h): nd

Acute toxicity - crustaceans EC50 (mg / I / 48h): nd

Acute toxicity algae ErC50 (mg / I / 72-96h): nd

Chronic toxicity - fish NOEC (mg / I): nd

Chronic toxicity - crustaceans NOEC (mg / I): nd

Chronic toxicity algae NOEC (mg / I): nd

Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one [No. CE 247-500-7) and 2-methyl-2H-isothiazol-3-one [No. CE 220-239-6] (3:1):

Acute toxicity - fish LC50 (mg / I / 96h): 0.22

Acute toxicity - crustaceans EC50 (mg / I / 48h): 0.12

Toxicity to algae NOEC (mg / I / 72-96h): 0.0012

Toxicity to algae EC50 (mg / I / 72-96h): 0.048

Chronic toxicity - fish NOEC (mg / I): 0.098

Chronic toxicity - crustaceans NOEC (mg / I): 0.004

Micro-organism toxicity EC20 (mg / I / 3h): 0.97

Acute toxicity M-factor = 100

NOEC (mg/l) = 0,004 Chronic toxicity M-factor = 100

The product is dangerous for the environment as it is toxic for aquatic organisms following acute exposure.

Use according to good working practices and avoid to disperse the product into the environment.

12.2. Persistence and degradability

SAFETY DATA SHEET

BATFOAM

Issued on 07/11/2022 - Rel. # 5 on 07/11/2022

11 / 14

In conformity to Regulation (EU) 2020/878

Related to contained substances:

tridecyl alcohol ethoxylate:

Test type: CO2 measurement Result: Readily biodegradable. Biodegradation:> 60% Exposure time: 28 d Method: OECD 301 B (mineralization)

Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one [No. CE 247-500-7) and 2-methyl-2H-isothiazol-3-one [No. CE 220-239-6] (3:1):

Test type: O2 measurement Result: Readily biodegradable. Biodegradation:> 60% Exposure time: 28 d Method: OECD 301 D (mineralization) According to the OECD criteria the product is readily biodegradable. The 10 day time frame criterion is not met.

12.3. Bioaccumulative potential

Related to contained substances:

tridecyl alcohol ethoxylate:

Unavailable

Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one [No. CE 247-500-7) and 2-methyl-2H-isothiazol-3-one [No. CE 220-239-6] (3:1):

Partition coefficient: n-octanol / water: log Pow: 0.75

12.4. Mobility in soil

Related to contained substances:

tridecyl alcohol ethoxylate:

Unavailable

Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one [No. CE 247-500-7) and 2-methyl-2H-isothiazol-3-one [No. CE 220-239-6] (3:1):

No data available

12.5. Results of PBT and vPvB assessment

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No adverse effects

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.

SAFETY DATA SHEET

BATFOAM

Issued on 07/11/2022 - Rel. # 5 on 07/11/2022

12 / 14

In conformity to Regulation (EU) 2020/878

Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

SECTION 14. Transport information

14.1. UN number or ID number

Not included in the field of application of regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

14.2. UN proper shipping name

None

14.3. Transport hazard class(es)

None

14.4. Packing group

None

14.5. Environmental hazards

None

14.6. Special precautions for user

No data available.

14.7. Maritime transport in bulk according to IMO instruments

Transport in bulk is not foreseen

SECTION 15. Regulatory information

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

Restrictions relating to the product or contained substances (All. XVII Reg. EC 1907/2006): not applicable Substances in Candidate List (art. 59 Reg. EC 1907/2006): the product does not contain SVHC in a proportion \geq 0.1%. Substances subject to authorisation (Ann. XIV Reg. CEC 1907/2006): the product does not contain SVHC in a proportion \geq 0.1%.

Reg. EC 648/04: see 2.2

Reg. (EU) n. 1169/2011: see 2.2 Reg (UE) 528/2012: see.to 2.2

REGULATION (EU) No 1357/2014 - waste:

HP14 - Ecotoxic

Substances in the Candidate List (REACH Article 59)
Based on available data, no SVHC substances are present

AEB IMPROVEMENT THROUGH BIOTECHNOLOGY

SAFETY DATA SHEET

BATFOAM

Issued on 07/11/2022 - Rel. # 5 on 07/11/2022

13 / 14

In conformity to Regulation (EU) 2020/878

15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

SECTION 16. Other information

16.1. Other information

Points modified compared to previous release: 2.1. Classification of the substance or mixture, 2.2. Label elements, 2.3. Other hazards, 3.2 Mixtures

Description of hazard statements set out in paragraph 3

H318 = Causes serious eye damage.

H400 = Very toxic to aquatic life.

H412 = Harmful to aquatic life with long lasting effects.

H301 = Toxic if swallowed.

H310 = Fatal in contact with skin.

H314 = Causes severe skin burns and eye damage.

H317 = May cause an allergic skin reaction.

H330 = Fatal if inhaled.

H410 = Very toxic to aquatic life with long lasting effects.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008

H317 - May cause an allergic skin reaction. Classification procedure: Calculation method

H319 - Causes serious eye irritation. Classification procedure: Calculation method

H412 - Harmful to aquatic life with long lasting effects. Classification procedure: Calculation method

Main normative references:

Reg. (CE) n. 1907 del 18/12/06 REACH (Registration, Evaluation and Authorisation of CHemicals) et seq.

Reg. (CE) 1272/2008 CLP (Classification Labelling and Packaging) et seq.

Regulation (EC) n. 648 of 31/03/04 (on detergents) et seq.

Regulation (UE) n. 1169/2011 (on the provision of food information to consumers)

Directive 2012/18/EU (on the control of major-accident hazards involving dangerous substances) et seq.

Regulation (UE) 528/2012 (Biocides) et seq.

Procedure used to classify under CLP mixture (Reg . EC 1272/2008): Calculation Method

Training required: This document must be submitted to the employer to determine the possible need for appropriate training for workers to ensure protection of human health and the environment.

n.a.: not applicable n.d.: not available

ADR: Accord europèen relative au transport International des merchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

ATE: Acute Toxicity Estimat

BFC: BioconCentration Factor

BOD: Biochemical Oxigen Demand

CAS: Chemical Abstract Service number

CAP: Centre AntiPoison

CE/EC number EINECS (European Inventory of existing Commercial Substances) e ELINCS (European List of notified

Chemical Substances)

CL50/LC50: Lethal Concentration 50

DL50/LD50: Lethal Dose 50 COD: Chemical Oxygen Demand



BATFOAM

Issued on 07/11/2022 - Rel. # 5 on 07/11/2022

14 / 14

In conformity to Regulation (EU) 2020/878

DNEL: Derived No Effect Level

EC50: half maximal Effective Concentration

ERC: Environment Release Classes

EU/UE: European Union

IATA: International Air Transport Association ICAO: International Civil Aviation Organization IMDG: International Maritime Dangerous Goods code

Kow: Octanol water partition coefficient NOEC: No Observed Effect Concentration

OEL: Occupational Exposure Limit

PBT: Persistent Bioaccumulative and Toxic

PC: Product Categories

PNEC: Predicted No Effect Concentration

PROC: Process Categories

RID: Règlement concernent le transport International ferroviaire des merchandises dangereuses (Regulations

concerning International rail transport of dangerous goods)

STOT: Target Organ Systemic Toxicity

STOT (RE): Repeated Exposure STOT (SE): Single Exposure STP: Sewage Treatment Plants

SU: Sector of Use

SVCH: Substance of Very High Concern

TLV: Threshold Limit Value

vPvB: Very Persistent Very Bioaccumulative

References and Sources:

- ECHA Registered Substances:
- https://echa.europa.eu/web/quest/information-on-chemicals/registered-substances
- SDS supplier
- GESTIS DNEL Database: http://www.dguv.de/ifa/gestis/gestis-dnel-datenbank/index-2.jsp
- GESTIS International Limit Value: http://limitvalue.ifa.dguv.de

This msds was made in good faith by technical Office on the basis of the information available at the date of the last revision. The person in charge must regularly inform the employees about the specific risks they encounter when using this substance/product. The information contained here relate only to the substance/the preparation indicated and may not apply if the product is used improperly or in combination with others. Nothing contained herein shall be construed as a guarantee, either express or implied. It is the responsibility of the user to ensure the opportunities and completeness of the information contained herein for their own particular use.

*** this tab annuls and replaces any previous edition. (IIXX)

Changes to the previous edition: classification and label elements variation