SAFETY DATA SHEET

in accordance with Commission Regulation (EU) 2020/878 as amended

DE FOAM

Date of creation	10.08.2000		
Date of revision	29.03.2023	Version number	3.0

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

1.1. Product identifier DE FOAM

Substance/mixture mixture

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

Ready-to-use anti-foaming agent. Suitable for use in dishwashers, hoovers to collect liquids.

Uses advised against in the mixture

no data available

1.3. Details of the supplier of the safety data sheet

Manufacturer

Name or trade name	TENZI Sp. z o.o.
Address	Skarbimierzyce 20, Dołuje, 72-002 Poland
NIP	PL8512583405
Telephone	+48 91 3119777
E-mail	info@tenzi.pl
Website address	www.tenzi.pl

E-mail address of the competent person responsible for the safety data sheet

Name	technolog@tenzi.pl
E-mail	technolog@tenzi.pl

1.4. Emergency telephone number

Toxicological Information and Laboratory Analysis Laboratory, Jagiellonian University - Collegium Medicum - 012 424 83 56 (7.30 a.m. to 3.30 p.m.); 012 411 99 99 (24/7/365)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture according to Regulation (EC) No 1272/2008

Mixture not classified as hazardous according to Regulation (EC) No 1272/2008. The full wording of all

classifications and H-phrases is given in Section 16.

2.2. Label elements

not present

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. The mixture does not contain substances meeting the criteria for PBT or vPvB substances in accordance with Annex XIII, Regulation (EC) No 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterisation

Mixture of the following substances and additives.

The mixture contains the following hazardous substances and substances with specific maximum concentrations in the working atmosphere

none

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If health problems occur or in case of doubt, notify a doctor and provide him with the information from this safety data sheet.

In case of inhalation

Immediately stop exposure, move victim to fresh air.

In case of contact with skin

Put off soiled clothing.

In case of eye contact

Immediately flush eyes with a jet of water, dilate eyelids (even with force); if the victim wears contact lenses, remove them immediately.

In case of ingestion

Rinse mouth with clean water. Provide medical attention in case of distress.

4.2. Most important symptoms and effects, both acute and delayed On entering the respiratory tract

Not expected.

In case of contact with skin

Not expected.

In case of eye contact

Not expected.

In case of ingestion

Not expected.

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

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Suitable extinguishing media according to the fire environment.

Unsuitable extinguishing media

no data available

5.2. Special hazards arising from the substance or mixture

Carbon monoxide, carbon dioxide and other toxic gases may be produced during a fire. Inhalation of hazardous combustion products (pyrolysis) may lead to serious health damage.

5.3. Information for firefighters

Use insulating breathing apparatus and full-body protective suit. Self-contained breathing apparatus with chemical-resistant gloves.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Follow the advice given in Sections 7 and 8.

6.2. Environmental precautions

Prevent contamination of the soil and release to surface water or groundwater.

6.3. Methods and material for containment and cleaning up

After disposal, wash the contaminated area with plenty of water.

6.4. Reference to other sections

See Sections 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use the working personal protective equipment in accordance with section 8. Comply with applicable safety and health legislation.

7.2. Conditions for safe storage, including any incompatibilities

Store product only in original plastic packaging (high density polyethylene HDPE). Do not overfill with substitute packaging. Keep product containers tightly closed in a dry room at a temperature of +5÷ 35° C with efficient ventilation, equipped with an easily washable, non-absorbent floor. Protect the product from sunlight, heat and frost. Keep away from sources of ignition and open flame.

Storage temperature	min. 5 °C, max. 35 °C

7.3. Specific end use(s)

no data available

SECTION 8: Exposure controls/personal protection measures

8.1. Control parameters

8.2. Exposure controls

Do not eat, drink or smoke while working. Wash hands thoroughly with soap and water after work and before taking a break to eat and rest.

Eye or face protection

Not needed.

Skin protection

Use protective gloves for prolonged or repeated use.

Respiratory protection

Not necessary. **Heat hazard** No data available.

Environmental exposure controls

Please observe the usual measures for the protection of the working environment, see section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	milky
Odour	Characteristic of the raw materials used
Melting/freezing point	no data
Boiling point or initial boiling point and boiling range	no data
Flammability of materials	no data available
Lower and upper explosion limits	no data available
Flash point	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
pH	7 (undiluted at 20 °C)
Kinematic viscosity	no data
Solubility in water	soluble
Partition coefficient n-octanol/water (log ratio)	no data available
Vapour pressure	no data available
Density or relative density	
density	no data available
Relative density	1,000 g/cm3 (+-) 0.020
Relative vapour density	no data
Particle characteristics	no data
Form	milky liquid

9.2. Other information

no data available

SECTION 10: Stability and reactivity

10.1. Reactivity

no data available

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Not known.

10.4. Conditions to avoid

Under normal use the product is stable, no decomposition occurs. Protect from flames, sparks, overheating and from frost.

10.5. Incompatible materials

Protect from strong acids and bases and from oxidising substances.

10.6. Hazardous decomposition products

None are formed under normal use. Hazardous products, e.g. carbon monoxide and carbon dioxide, are formed at high temperatures and during a fire.

SECTION 11: Toxicological information

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

No toxicological data are available for the mixture.

Acute toxicity

Based on available data, it does not meet the classification criteria.

Skin corrosion/irritation

Based on available data, does not meet classification criteria.

Serious eye damage/eye irritation Based on available data, it does not meet the classification criteria. **Respiratory or skin sensitisation**

Based on available data, it does not meet the criteria for classification.

Germ cell mutagenicity

Based on available data, it does not meet the criteria for classification.

Carcinogenicity

Based on available data, it does not meet the criteria for classification.

Reproductive toxicity

Based on available data, it does not meet the criteria for classification.

Toxic effects on target organs - single exposure

Based on available data, it does not meet the criteria for classification.

Specific target organ toxicity - repeated exposure

Based on available data, it does not meet the criteria for classification.

Aspiration hazard

Based on available data, it does not meet the criteria for classification.

11.2. Information on other hazards

The mixture does not contain endocrine disrupting properties according to the criteria of Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The product does not contain any substances meeting the criteria for PBT or vPvB substances according to Annex XIII, Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Endocrine disrupting properties

The mixture does not contain endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects

No data available.

SECTION 13: Waste treatment

13.1. Waste disposal methods

Danger of environmental contamination, proceed in accordance with the Act Coll. 2013, item 21 on waste and implementing regulations on waste disposal. Proceed in accordance with the applicable waste disposal regulations. Store unused product and soiled packaging in closed waste collection containers and hand over for disposal to a person authorised to dispose of waste (specialised company) authorised to carry out such activity. Do not pour unused product down the drain. Do not dispose of together with municipal waste. Empty packaging can be energetically used in a waste incinerator or collected in a landfill site with the appropriate classification. Perfectly cleaned packaging can be sent for recycling.

Waste management regulations

Act of 14 December 2012 on waste (Journal of Laws of 8 January 2013, item 21). Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste. Regulation of the Minister of Climate of 2 January 2020 on the catalogue of waste (Journal of Laws 2020, item 10). Directive 94/62/EC on packaging and packaging waste.

Waste type code

07 06 04 Other organic solvents, washing liquids and mother liquors *.

Waste type code for packaging

15 01 02 Plastic packaging

(*) - hazardous waste pursuant to Directive 2008/98/EC on hazardous waste

SECTION 14: Transport information

14.1. UN number or ID number

not subject to transport regulations

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant

14.5. Environmental hazards

Not

14.6. Special precautions for user

Refer to sections 4 to 8.

14.7. Sea transport in bulk according to IMO instruments

not relevant

SECTION 15: Regulatory information

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

Public Health Act. Notice of the Speaker of the Sejm of the Republic of Poland of 19 April 2016 on the announcement of the consolidated text of the Act - Environmental Protection Law (Journal of Laws 2016, item 672). 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) and 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 in the current wording. Regulation (EC) No 1272/2008 of the European Parliament and of the Council as amended. Regulation (EC) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of dangerous chemicals. Act of 25 February 2011 on chemical substances and their mixtures (Journal of Laws of 2020, item 2289, of 2021, item 2151). Regulation of the Minister of Health of 20 April 2012 on the labelling of packaging of hazardous substances and hazardous mixtures and certain mixtures (Journal of Laws No. , item 445). Regulation of the Minister of Health of 10 August 2012 on the criteria and method of classification of chemical substances and their mixtures (Dz. U. nr, poz. 1018). Act of 28 May 2020 amending the Act on chemical substances and their mixtures and certain other acts (Journal of Laws 2020, item 1337) Announcement of the Marshal of the Sejm of the Republic of Poland of 1 February 2019 on the announcement of the uniform text of the Act on transport of dangerous goods (Journal of Laws 2020, item 154). Act of 23 January 2020 on amending the Act on waste and certain other acts. (Journal of Laws of 23 January 2020, item 150). Act of 13 June 2013 on the management of packaging and packaging waste (Journal of Laws 2013, item 888). Regulation of the Minister of the Family, Labour and Social Policy of 12 June 2018 on the maximum permissible concentrations and intensities of factors harmful to health in the working environment. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out for the mixture.

SECTION 16: Other information

Further information important for safety and protection of human health

The product must not - without specific consent of the manufacturer/importer - be used for other purposes than those specified in section 1. The user is responsible for complying with all related health regulations.

Explanation of abbreviations and acronyms used in the safety data sheet

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
BCF	Bioconcentration factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency Plan
EuPCS	European Product Classification System
IATA	International Air Transport Association
IBC	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO	International Civil Aviation Organisation
IMDG	International Maritime Dangerous Goods Regulations
IMO	International Maritime Organisation
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organisation for Standardisation
IUPAC	International Union of Pure and Applied Chemistry
log Kow	Octanol-water partition coefficient
VOC	Volatile organic compounds
WEL	Maximum allowable concentration
PEL	Maximum allowable instantaneous concentration

NDSP	Maximum allowable concentration
OEL	Occupational exposure limit values
PBT	Persistent, bioaccumulative and toxic
ppm	Parts per million
REACH	Registration, evaluation, authorisation and restriction of chemicals
RID	Regulations concerning the international carriage of dangerous goods by rail
EU	European Union
UN	Four-digit identification number for a material or object, derived from the "UN Model Regulations".
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
vPvB	Very persistent and very bioaccumulative
EC	Identification code for each substance as stated in EINECS

Advice on training

Familiarise workers with the recommended manner of use, mandatory protective measures, first aid and prohibited handling.

Recommended restrictions on use

no data available

Information about the data sources used to compile the safety data sheet

Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH) as amended. Regulation (EC) No 1272/2008 of the European Parliament and of the Council as amended. Data of the manufacturer of the substance/mixture - data from the registration dossier.

Changes made (which information was added, deleted or modified) Version 3.0 replaces the KCh version dated 17.11.2022. Changes were made in sections 2, 13, 15 and 16. **Other data**

Classification procedure - calculation method.

Statement

The safety data sheet contains data to ensure health and safety at work and to protect the environment. The data given correspond to the current state of knowledge and experience and are in accordance with current legislation. They cannot be regarded as a guarantee of the suitability and usability of the product for a specific application.