SARGO
We protect your environment

SAFETY DATA SHEET of:

Biotic-Net Sanitary

Revision date: Wednesday, December 16, 2020

S96.50

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

1.1 Product identifier:

Biotic-Net Sanitary

UFI: /

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

Probiotic sanitary cleaner

Concentration in use: From 0.5% in water

1.3 Details of the supplier of the safety data sheet:

SARGO s.a.

Avenue Minerve, 29/39

1190 Bruxelles

Phone: +3223436132 — E-mail: sargo@skynet.be — Website: http://www.sargo.be/

1.4 Emergency telephone number:

+32 70 245 245

2 SECTION 2: Hazards identification:

2.1 Classification of the substance or mixture:

Classification of the substance or mixture in accordance with regulation (EU) 1272/2008:

EUH208

2.2 Label elements:

Pictograms:

Signal word:

None

Hazard statements:

EUH208: Contains (mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazolin-3-one (3:1)). May produce an allergic reaction.

Precautionary statements:

None

Contains:

None

2.3 Other hazards:

None

3 SECTION 3: Composition/information on ingredients:

C14 - 17 Sec Alkyl Sulfonate	≤ 3 %	CAS number: EINECS: REACH Registration number: CLP Classification:	97489-15-1 307-055-2 01-2119489924-20 **H302 Acute tox. 4** **H315 Skin Irrit. 2** **H318 Eye Dam. 1** **H412 Aquatic Chronic 3**
Ethanol	≤ 2 %	CAS number: EINECS: REACH Registration number: CLP Classification:	64-17-5 200-578-6 01-2119457610-43 **H225 Flam. Liq. 2** **H319 Eye Irrit. 2**
Citric Acid	≤ 2 %	CAS number: EINECS: REACH Registration number: CLP Classification:	77-92-9 201-069-1 01-2119457026-42 **H319 Eye Irrit. 2**
Alcohols, C12-14 (even numbered), ethoxylated (< 2.5 EO)	≤ 2 %	CAS number: EINECS: REACH Registration number: CLP Classification:	68439-50-9 500-213-3 01-2119487984-16 **H400 Aquatic Acute 1** **H412 Aquatic Chronic 3**
mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazolin-3-one (3:1)	≤ 0.1 %	CAS number: EINECS: REACH Registration number: CLP Classification:	55965-84-9 911-418-6 01-2120764691-48 **H300 Acute tox. 2** **H314 Skin Corr. 1B** **H317 Skin Sens. 1** **H330 Acute tox. 2** **H331 Acute tox. 3** **H400 Aquatic Acute 1** **H410 Aquatic Chronic 1**

For the full text of the H phrases mentioned in this section, see section 16.

4 SECTION 4: First aid measures:

4.1 Description of first aid measures:

Always ask medical advice as soon as possible should serious or continuous disturbances occur.

Skin contact: Rinse with water.

Eye contact: Rinse first with plenty of water, if necessary seek medical attention.

Ingestion: Rinse first with plenty of water, if necessary seek medical attention.

Inhalation:	In case of serious or continuous discomforts: remove to fresh air and seek medical attention.

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

Skin contact:	None
Eye contact:	Redness
Ingestion:	Diarrhoea, headache, abdominal cramps, sleepiness, vomiting
Inhalation:	None

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

None

5 SECTION 5: Fire-fighting measures:

5.1 Extinguishing media:

CO2, foam, powder, sprayed water

5.2 Special hazards arising from the substance or mixture:

None

5.3 Advice for firefighters:

Extinguishing agents to be avoided:	None

6 SECTION 6: Accidental release measures:

6.1 Personal precautions, protective equipment and emergency procedures:

Do not walk into or touch spilled substances and avoid inhalation of fumes, smoke, dusts and vapours by staying up wind. Remove any contaminated clothing and used contaminated protective equipment and dispose of it safely.

6.2 Environmental precautions:

Do not allow to flow into sewers or open water.

6.3 Methods and material for containment and cleaning up:

Contain released substance, store into suitable containers. If possible, remove by using absorbent material.

6.4 Reference to other sections:

For further information, check sections 8 & 13.

7 SECTION 7: Handling and storage:

7.1 Precautions for safe handling:

Handle with care to avoid spillage.

7.2 Conditions for safe storage, including any incompatibilities:

Keep in a sealed container in a closed, frost-free, ventilated room.

7.3 Specific end use(s):

8 SECTION 8: Exposure controls/personal protection:

8.1 Control parameters:

Listing of the hazardous ingredients in section 3, of which the TLV value is known

Ethanol 1,907 mg/m³, Methyl ethyl ketone 600 mg/m³, Isopropanol 424 mg/m³

8.2 Exposure controls:

Inhalation protection:	Respiratory protection is not required. Use ABEK type gas masks in case of irritating exposure. If necessary, use with sufficient exhaust ventilation.	
Skin protection:	Handling with nitril-gloves (EN 374). Breakthrough time: >480' Material thickness: 0,35 mm. Thoroughly check gloves before use. Take of the gloves properly without touching the outside with your bare hands. The manufacturer of the protective gloves has to be consulted about the suitability for a specific work station. Wash and dry your hands.	
Eye protection:	Keep an eye-rinse bottle within reach. Tight-fitting safety goggles. Wear a face shield and protective suit in case of exceptional processing problems.	
Other protection:	Wear impermeable clothing. The type of protective equipment depends on the concentration and amount of hazardous substances at the work station in question.	

9 SECTION 9: Physical and chemical properties:

9.1 Information on basic physical and chemical properties:

Melting point/melting range:	0 °C
Boiling point/Boiling range:	78 °C — 100 °C
pH:	3.1
pH 1% diluted in water:	/
Vapour pressure/20°C,:	5 850 Pa
Vapour density:	Not applicable
Relative density, 20°C:	1.0150 kg/l
Appearance/20°C:	Liquid
Flash point:	65 °C
Flammability (solid, gas):	Not applicable
Auto-ignition temperature:	370 °C
Upper flammability or explosive limit, (Vol %):	19.000 %
Lower flammability or explosive limit, (Vol %):	3.000 %
Explosive properties:	Not applicable
Oxidising properties:	Not applicable
Decomposition temperature:	/
Solubility in water:	Completely soluble
Partition coefficient: n-octanol/water:	Not applicable
Odour:	characteristic
Odour threshold:	Not applicable
Dynamic viscosity, 20°C:	1 mPa.s
Kinematic viscosity, 40°C:	1 mm²/s

Evaporation rate (n-BuAc = 1): 2.000

9.2 Other information:

Volatile organic component (VOC): 2.00 %
Volatile organic component (VOC): 23.275 g/l
Sustained combustion test : Combustion not sustained

10 SECTION 10: Stability and reactivity:

10.1 Reactivity:

Stable under normal conditions.

10.2 Chemical stability:

Extremely high or low temperatures.

10.3 Possibility of hazardous reactions:

None

10.4 Conditions to avoid:

Protect from sunlight and do not expose to temperatures exceeding + 50°C.

10.5 Incompatible materials:

Acids, alkalines, oxidants, reductants

10.6 Hazardous decomposition products:

Under recommended usage conditions, hazardous decomposition products are not expected.

11 SECTION 11: Toxicological information:

11.1 Information on toxicological effects:

About the preparation itself: No additional data available

Calculated acute toxicity, ATE oral: /
Calculated acute toxicity, ATE dermal: /

C14 - 17 Sec Alkyl Sulfonate	LD50 oral, rat:	1 300 mg/kg
	LD50 dermal, rabbit:	≥ 5 000 mg/kg
	LC50, Inhalation, rat, 4h:	≥ 50 mg/l
Ethanol	LD50 oral, rat:	≥ 5 000 mg/kg
	LD50 dermal, rabbit:	≥ 5 000 mg/kg
	LC50, Inhalation, rat, 4h:	≥ 50 mg/l
Citric Acid	LD50 oral, rat:	≥ 5 000 mg/kg
	LD50 dermal, rabbit:	≥ 5 000 mg/kg
	LC50, Inhalation, rat, 4h:	≥ 50 mg/l

Alcohols, C12-14 (even numbered), ethoxylated (< 2.5 EO)	LD50 oral, rat: LD50 dermal, rabbit: LC50, Inhalation, rat, 4h:	≥ 5 000 mg/kg ≥ 5 000 mg/kg ≥ 50 mg/l
mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazolin-3-one (3:1)	LD50 oral, rat: LD50 dermal, rabbit: LC50, Inhalation, rat, 4h:	457 mg/kg 660 mg/kg 1.23 mg/l

12 SECTION 12: Ecological information:

12.1 Toxicity:

C14 - 17 Sec Alkyl Sulfonate	LC50 (Fish): EC50 (Algae):	1 - 10 mg/L (Leuciscus idus melanotus) (72 h) 10 - 100 mg/L (scenedesmus subspicatus)
Ethanol	LC50 (Fish): EC50 (Daphnia): EC50 (Algae):	13000 mg/L (Oncorhynchus mykiss)(96h) 12340 mg/L (48h) 275 mg/L (Chlorella vulgaris)(72h)
Citric Acid	LC50 (Fish): LC50 (Daphnia): EC50 (Daphnia):	440 - 760 mg/l (48h) 1535 mg/l (24h) 1535 mg/l (24h)
Alcohols, C12-14 (even numbered), ethoxylated (< 2.5 EO)	LC50 (Fish): NOEC (Fish):	> 1 - 10 mg/l (Danio Rerio)(96h) > 0,1 - 1 mg/l (30d)

12.2 Persistence and degradability:

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3 Bioaccumulative potential:

	Additional data:
Ethanol	Log Pow: -0,35

12.4 Mobility in soil:

Water hazard class, WGK (AwSV): 1

Solubility in water: Completely soluble

12.5 Results of PBT and vPvB assessment:

No additional data available

12.6 Other adverse effects:

No additional data available

13 SECTION 13: Disposal considerations:

13.1 Waste treatment methods:

The product may be discharged in the indicated percentages of utillization, provided it is neutralised to pH 7. Possible restrictive regulations by local authority should always be adhered to.

14 SECTION 14: Transport information:

14.1 UN number:

Not applicable

14.2 UN proper shipping name:

ADR, IMDG, ICAO/IATA not applicable

14.3 Transport hazard class(es):

Class(es):	Not applicable
Identification number of the hazard:	Not applicable

14.4 Packing group:

Not applicable

14.5 Environmental hazards:

Not dangerous to the environment

14.6 Special precautions for user:

Hazard characteristics:	Not applicable
Additional guidance:	Not applicable

15 SECTION 15: Regulatory information:

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

Water hazard class, WGK (AwSV):	1
Volatile organic component (VOC):	2.000 %
Volatile organic component (VOC):	23.275 g/l
Composition by regulation (EC) 648/2004:	Anionic surfactants < 5%, Nonionic surfactants < 5%, Perfumes, Preservatives (Chloromethylisothiazolinone, Methylisothiazolinone)

15.2 Chemical Safety Assessment:

No data available

16 SECTION 16: Other information:

Legend to abbreviations used in the safety data sheet:

ADR:	The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE:	Acute Toxicity Estimate
BCF:	Bioconcentration factor
CAS:	Chemical Abstracts Service
CLP:	Classification, Labelling and Packaging of chemicals
EINECS:	European INventory of Existing commercial Chemical Substances
LC50:	median Lethal Concentration for 50% of subjects
LD50:	median Lethal Dose for 50% of subjects
Nr.:	Number

PTB:	Persistent, Toxic, Bioaccumulative
TLV:	Threshold Limit Value
UFI:	Unique Formula Identifier
vPvB:	very Persistent and very Bioaccumulative substances
WGK:	Water hazard class
WGK 1:	Slightly hazardous for water
WGK 2:	Hazardous for water
WGK 3:	Extremely hazardous for water

Legend to the H Phrases used in the safety data sheet:

EUH208: Contains (mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazolin-3-one (3:1)). May produce an allergic reaction. **H225 Flam. Liq. 2:** Highly flammable liquid and vapour. **H300 Acute tox. 2:** Fatal if swallowed. **H302 Acute tox. 4:** Harmful if swallowed. **H314 Skin Corr. 1B:** Causes severe skin burns and eye damage. **H315 Skin Irrit. 2:** Causes skin irritation. **H317 Skin Sens. 1:** May cause an allergic skin reaction. **H318 Eye Dam. 1:** Causes serious eye damage. **H319 Eye Irrit. 2:** Causes serious eye irritation. **H330 Acute tox. 2:** Fatal if inhaled. **H331 Acute tox. 3:** Toxic if inhaled. **H400 Aquatic Acute 1:** Very toxic to aquatic life. **H410 Aquatic Chronic 1:** Very toxic to aquatic life with long lasting effects. **H412 Aquatic Chronic 3:** Harmful to aquatic life with long lasting effects.

CLP Calculation method:

Calculation method

Reason of revision, changes of following items:

Sections: 9.2, 15.1

SDS reference number:

ECM-111260,00

This safety information sheet has been compiled in accordance with annex II/A of the regulation (EU) No 2015/830. Classification has been calculated in accordance with European regulation 1272/2008 with their respective amendments. It has been compiled with the utmost care. We cannot, however, accept responsibility for damage, of any kind, that may be caused by using these data or the product concerned. To use this preparation for an experiment or a new application , the user must carry out a material suitability and safety study himself.