SAFETY DATA SHEET

According to (EC) No 1907/2006

SAPONIA d.d.

Product	**BIS FOAM ACID**	Date:	05.10.2023.
		Revision:	II

SECTION 1.:Identification of the substance/mixture and of thecompany/undertaking

1.1. Product identifier

-Trade name: BIS FOAM ACID

- **CAS No/EC No:**Not applicable, product is a mixture
- **UFI number:** D1G0-80XW-V000-EAS7

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

- **Relevant identified uses:** liquid acid agent for CIP cleaning. Professional use only.
- **Uses advised against:** Recommended method of use specified in the previous section. Other methods are not recommended.

1.3. Details of the supplier of the safety data sheet

- **Producer: SAPONIA d.d.**
- **Adress:** M. Gupca 2, Osijek, Croatia
- **Phone:**00 385 31 513 513
- **Faks:**00 385 31 513 103
- **e-mail:** saponia@saponia.hr

1.4. Emergency telephone number

- **Emergency-No:** **112**

SECTION2.: Hazards identification

2.1. Classification of the substance or mixture

2.1.1.Classificationaccording to Regulation (EC) No. 1272/2008 (CLP):

Met.Corr.1;H290

Acute Tox.4;H302

Skin corrosion (Category 1B), H314

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2. Label elements

2.2.1. Labelling according Regulation (EC) No 1272/2008

Pictograms


Signal word: **Danger**

Hazard statements (H):

H290 May be corrosive to metals

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

Precautionary statements (P):

P280 Wear protective gloves/ eye protection/ face protection.

P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P303+P361+P353 IF ON SKIN (or hair):Take off immediately all contaminated clothing. Rinse skin with water/shower.

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

2.3. Other hazards: Not known.

SECTION 3.: Composition/information on ingredients

3.1. Substance: Not applicable

3.2. Mixture:

Chemical Name	CAS-No	EC-No	Reg. No (REACH)	%	Classificationaccording to CLP (EC) No 1272/2008
Phosphoric acid	7664-38-2	231-633-2	01-2119485924-24	27-31	Metal Corr.1; H290 Acute Tox.4;H302 Skin Corr.1B; H314 Specific Concentration limits: Eye Irrit. 2; H319: 10 % ≤ C < 25 % Skin Corr. 1B; H314: C ≥ 25 % Skin Irrit. 2; H315: 10 % ≤ C < 25 %
C11 oxoalcohol Polyglycolether 7EO	127036-24-2	-	-	2,5-5,0	Acute Tox.4;H302 Eye Corr.1;H318

SECTION4.: First aid measures

4.1. Description of first aid measures

- after inhalation: Remove from source of exposure. If simptoms persist obtain medical attention.

- after skin contact: Flush the contaminated area running water at least 30 minutes, remove contaminated clothing and wash before re-use. If irritation persists or there is any sign of tissue damage seek medical advice.

- after eye contact: Rinse immediately with copious amounts of water for at least 15 minutes, holding the eyelids open and obtain immediate medical attention.

- after ingestion: Remove product from mouth, give the casualty a small quantity of water to drink and obtain immediate medical attention. Do not induce vomiting.

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

- after inhalation: Not expected if used properly. Inhaling vapours may cause irritation of the respiratory system

- after skin contact: Redness, burning, pain, prolonged contact may cause severe burns.

- after eye contact: Tearing, redness, burning sensation, pain and swelling (burns), corneal damage.

- after ingestion: Burning and pain in the mouth , throat and abdomen, nausea, vomiting, shortness of breath .

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

No data available

SECTION 5.: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media: Foam, carbon dioxide and dry powder extinguishers.

5.2. Special hazards arising from the substance or mixture

- Fire hazard: Non flammable.

- Explosion hazard: No data available

- Reactivity: With light metal (aluminium, zinc) led reacts releasing hydrogen, which may form explosive mixture with air.

5.3. Advice for firefighters:

- Firefighting instructions: Do not stay in the hazard zone without suitable protective clothing.

- Protection during firefighting: Breathing apparatus and suitable protective clothing including gloves and face protection.

SECTION 6.: Accidental release measures

6.1. Personal precautions, protectiveequipment and emergency procedures

Ensure adequate ventilation. Avoid contact with eye and skin. Wear suitable gloves and eye/face protection.

6.2. Environmental precautions

Prevent soil and water pollution. Prevent spreading in sewers.

6.3. Methods and material for containment and cleaning up

Small quantities of liquid spill: take up in absorbent material and shovel into container for disposal. Large spills: contain released substance, pump into suitable containers.This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections: No additional information available

SECTION 7.:Handling and storage

7.1. Precautions for safte handling: Avoid contact with eyes and skin and vapours inhaling. Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood.

7.2. Conditions for safte storage, including any incompatibilities:

Storage conditions: Store in original packaging in a cool and dry area. Do not mix with any other chemicals. Avoid contact with alkalis, metals, metal oxides and hydroxides.

Incompatible materials: metal containers, alkalis, reductants, metallic salts and inflammable substances.

7.3. Specific end use(s): Unknown.

SECTION 8.: Exposure controls/personal protection

8.1.Control parameters

Ingredient	CAS No	Exposure limit value	Biological limit values

		ppm	mg/m3	
Phosphoric acid	7664-38-2	-	1	-

8.2. Exposure controls

- respiratory protection: Gas mask in case of emitting vapours.
- hand protection: Rubber gloves or gloves made from other material resistant to acids.
- eye protection: Chemical splash safety goggles.
- skin protection: Protective clothes.

SECTION9.:Physical and chemical properties

9.1.Information on basic physical and chemical properties:

- physical state: liquid
- color: colorless
- odor:characteristic
- pH: cca 2,0 (1% solution)
- initial boiling point: No data available
- flash point: Not applicable
- decomposition temperature: No data available
- vapour pressure: No data available
- density (20 ºC): 1190 kg/m^3
- bulk density: No data available
- viscosity: No data available
- viscosity(kinematic): No data available
- explosive properties: No data available
- solubility (qualitative):Soluble at concentrations of application (water)
- solidification temperature:No data available
- melting point:No data available
- flammability:No data available

-auto-ignition temperature:No data available

- explosive limits:No data available
- partition coefficient: n-octanol/water :No data available
- evaporation rate:No data available

- vapor density:No data available
- oxidising properties:No data available

9.2. Other information: No data available

SECTION10.:Stability and reactivity

10.1. Reactivity: Reacts with alkalis. Light metal (aluminium, magnesium), zinc, led reacts releasing hydrogen, which may form explosive mixture with air.

10.2. Chemical stability: Product is stable under normal conditions.

10.3. Possibility of hazardous reactions: No dangerous reactions known for normal conditions of use.

10.4. Conditions to avoid: Product is stable under normal conditions. Isolate from heat and incompatible materials.

10.5. Materials to avoid: Alkalis, metals (non-ferrous metals, aluminum, zinc ..), metal oxides, oxidising substances, metallic salts and inflammable substances.

10.6. Hazardous decomposition products: By using for purpose no toxic impairments are known.

SECTION11.:Toxicological information

11.1. Toxicological information

Phosporic acid:

- Acute oral toxicity (LD_{50}): OECD 423; rat, female; 2600 mg/kg
- Acute dermal toxicity (LD_{50}): OECD 404; rabbit; 2740 mg/kg
- Acute inhalative toxicity(LC_{50}): No data available

- Corrosion/irritation

- skin corrosion/irritation: corrosion
- serious eye damage/irritation: serious eye damage

- Sensitization

- respiratory or skin sensitization: No data available

- Carcinogenicity: No data available

- Germ cell mutagenicity: No data available

- Repeated dose toxicity: No data available

- Reproductive toxicity: No data available

11.2. Information on other hazards:

11.2.1. Endocrine disrupting properties: No data available
11.2.2. Other informations: No data available

SECTION12.: Ecological information

12.1. Toxicity (fish)
- Toxicity (Fish): 96h; Gambusia affinis; 138 mg/l
- Toxicity (Daphnia magna): 48h; OECD 202; > 100mg/l
- Toxicity (Algae): 72h; Desmodesmus subspicatus; OECD 201; 100 mg/l

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: No data available
12.6. Endocrine disrupting properties: No endocrine disruptor substances
12.7. Other adverse effects: None

SECTION 13.: Disposal consideration

13.1. Waste treatment methods
- **Product disposal:** Disposal should be made in accordance to local, regional or national regulations of the country involved.
- **Disposal of uncleaned packages:** Only completelyempty containers are to be disposed of as recoverable materials.

SECTION 14.:Transport information

14.1. UN number: 1805
14.2. UN proper shipping name: PHOSPHORIC ACID SOLUTION
14.3. Transport hazard class(es): 8
14.4. Packing group: III
14.5. Environmental hazards: No environmental hazard.
14.6. Special precautions for user: No specific regulations

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

SECTION 15.: Regulatory information

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

- EU-Regulations: This Safety Data Sheet conforms to Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) and subsequent modifications.

- National regulations: Not additional information available

15.2. Chemicak safety assessment: Not available.

SECTION16.: Other information

16. 1. Data compared to the previous version altered:

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16.2. Full text of H-phrases:

H-phrases:

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage

H318 Causes serious eye damage.

16.3. Abbreviations and acronyms:

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

16.4.Disclaimer:

The information contained in this MSDS is an amalgamation of data from published works and information of our suppliers and is presented in good faith and is to the best knowledge of our company, true and accurate. It is the users responsibility to assume liability for loss, injury, damage or expenses resulting from improper use of this product. The user of this product is responsible to observe valid local, regional and national laws and regulations of the country involved. This MSDS is complied in accordance with EC 1907/2006 and EC 1272/2008.

16.5. Sources of data:

1. http://ecb.jrc.ec.europa.eu/esis/
2. http://echa.europa.eu/