

Bihr

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Fluide biologique Bihr n° 1050415
pH neutre - Non toxique - Non Corrosif - Non inflammable - Sans C.O.V.
Stockage: Préserver de gel et des températures supérieures à 38°C
BIHR S.A.S ZI Parc 3 T, rue Robert
Schuman 68870 BARTENHEIM France

SAFETY DATA SHEET

BIHR Biological Cleaning Fluid Can 20L

BIHR P/N 1050415

1 HAZARDS IDENTIFICATION

1.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

1.2. Label elements

Hazard statements	NC Not Classified
Precautionary statements	P102 Keep out of reach of children. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Detergent labelling	< 5% amphoteric surfactants, < 5% non-ionic surfactants, < 5% phosphates
Supplementary precautionary statements	P501 Dispose of contents/ container in accordance with national regulations.

1.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

2 COMPOSITION/INFORMATION ON INGREDIENTS

2.2. Mixtures

TETRA POTASSIUM PYROPHOSPHATE	1-5%
CAS number: 7320-34-5	EC number: 230-785-7

Classification

Eye Irrit. 2 - H319

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Ingredient notes

This product does not contain any nanomaterials, SVHC or substances with endocrine disruptor properties.

3 FIRST AID MEASURES

3.1. Description of first aid measures

General information	Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.
Inhalation	Remove person to fresh air and keep comfortable for breathing.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin contact	Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.
Eye contact	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

General information	The product is considered to be a low hazard under normal conditions of use.
Inhalation	No specific symptoms known.
Ingestion	No specific symptoms known.
Skin contact	Prolonged and frequent contact may cause redness and irritation.
Eye contact	Prolonged contact may cause redness and/or tearing.

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

Notes for the doctor	No specific recommendations.
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4 FIREFIGHTING MEASURES

4.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.
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4.2. Special hazards arising from the substance or mixture

Specific hazards	Not known.
Hazardous combustion products	None at ambient temperatures. When heated, vapours/gases hazardous to health may be formed.

4.3. Advice for firefighters

Protective actions during firefighting	No specific firefighting precautions known.
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5 ACCIDENTAL RELEASE MEASURES

5.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Keep unnecessary and unprotected personnel away from the spillage. Take care as floors and other surfaces may become slippery..
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5.2. Environmental precautions

Environmental precautions	Avoid discharge into drains.
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5.3. Methods and material for containment and cleaning up

Methods for cleaning up	Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.
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5.4. Reference to other sections

Reference to other sections	For waste disposal, see Section 13.
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6 HANDLING AND STORAGE

6.1. Precautions for safe handling

Usage precautions Avoid contact with skin and eyes.

6.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Storage class Chemical storage.

6.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

7 EXPOSURE CONTROLS/PERSONAL PROTECTION

7.1. Control parameters

TETRA POTASSIUM PYROPHOSPHATE (CAS: 7320-34-5)

DNEL Industry - Inhalation; Long term systemic effects: 2.79 mg/m³
Consumer - Inhalation; Long term systemic effects: 0.68 mg/m³

PNEC - Fresh water; 0.05 mg/l
- marine water; 0.005 mg/l

7.2. Exposure controls

Protective equipment



Appropriate engineering controls Provide adequate ventilation.

Personal protection The following recommendations are made based on information available for the major chemical component.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection Wear protective gloves.

Hygiene measures When using do not eat, drink or smoke. Wash hands thoroughly after handling.

Respiratory protection No specific recommendations.

Environmental exposure controls Keep container tightly sealed when not in use.

8 PHYSICAL AND CHEMICAL PROPERTIES

8.1. Information on basic physical and chemical properties

Appearance Clear liquid.

Colour Colourless to pale yellow.

Odour Bland

pH pH (concentrated solution): 7.01 - 8.01

Relative density 1.015 - 1.021 @ 20°C

8.2. Other information

Other information None.

9 STABILITY AND REACTIVITY

9.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

9.2. Chemical stability

Stability Stable at normal ambient temperatures.

9.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not applicable.

9.4. Conditions to avoid

Conditions to avoid Avoid exposure to high temperatures or direct sunlight.

9.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

9.6. Hazardous decomposition products

Hazardous decomposition products Heating may generate the following products: Carbon monoxide (CO). Carbon dioxide (CO₂).

10 TOXICOLOGICAL INFORMATION

10.1. Information on toxicological effects

Toxicological effects No specific health hazards known.

Acute toxicity - oral

Summary Not available

11 ECOLOGICAL INFORMATION

Ecotoxicity Not regarded as dangerous for the environment.

11.1. Toxicity

Toxicity Not considered toxic to fish.

11.2. Persistence and degradability

Persistence and degradability All components in the formulation where biodegradability criteria apply are biodegradable.

11.3. Bioaccumulative potential

Bioaccumulative potential Not available.

11.4. Mobility in soil

Mobility The product is soluble in water.

11.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

11.6. Other adverse effects

Other adverse effects No information required.

12 DISPOSAL CONSIDERATIONS

12.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

13 TRANSPORT INFORMATION

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

13.1. UN number

Not applicable.

13.2. UN proper shipping name

Not applicable.

13.3. Transport hazard class(es)

Not applicable.

13.4. Packing group

Not applicable.

13.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

13.6. Special precautions for user

Not applicable.

13.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

14 REGULATORY INFORMATION

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

National regulations	The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 as amended. The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 as amended EH40/2005 Workplace exposure limits.
EU legislation	Control of Substances Hazardous to Health Regulations 2002 (as amended). Complies with Regulation (EC) 1907/2006 as amended including regulation 2020/878

14.2. Chemical safety assessment

No chemical safety assessment has been carried out.

15 OTHER INFORMATION

Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	30/05/2023
Revision	11
Supersedes date	25/05/2023
SDS number	20962
Hazard statements in full	H319 Causes serious eye irritation.

