

SAFETY DATA SHEET

according to Regulation (EG) no 1907/2006
Generic EU MSDS – No country specific data
REVISION DATE: 2015-10-01

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: BabyBio A, Workbeads Protein A
Article number: 40-6050, 45-605-101, 45-605-102

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

Identified uses: Industrial applications, analytical chemistry, research, liquid chromatography

1.3 Details of the supplier of the safety data sheet

Company: Medicago AB
Danmark Berga 13
755 98 Uppsala
Telephone: +46 (0)18 56 11 80
Facsimile: +46 (0)18 56 11 88
E-mail address: info@medicago.se

1.4 Emergency telephone number

Emergency telephone number: Giftinformationscentralen 112 (Sweden)

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (EU-GHS/CLP)

Classified: Flammable Liquid (Category 3), H226

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (EU-GHS/CLP)



Signal word: Warning
Hazard statement(s): H226 Flammable liquid and vapour
Precautionary statement(s): P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources, no smoking
P233 Keep container tightly closed
P261 Avoid breathing mist/vapours/ spray
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection
P403+P235 Store in a well-ventilated place, keep cool

Complementary hazard information
No further information

2.3 Other hazards

No data available

3. Composition/information on ingredients

3.2 Mixtures

Substance	CAS-no.	EC-no.	Index-no.	Weight %	Classification according to constitution (EG) no 1272/2008 (CLP)
Agarose suspension	9012-36-6	232-731-8	-	~80%	Not classified
Ethanol	64-17-5	200-578-6	-	~20%	Flam. Liq. 3, H226

See section 16 for the full text of the H-statements mentioned in this section.

4. First aid measures

4.1 Description of first aid measures

If swallowed	Rinse mouth with water; do not induce vomiting, never give anything by mouth to an unconscious person; get medical attention if symptoms develop
If inhaled	Move to fresh air; get medical attention if you feel unwell; if person is not breathing, give artificial respiration and get medical attention
In case of skin contact	Wash off with plenty of water; remove contaminated clothes; get medical attention if irritation occurs
In case of eye contact	Wash thoroughly with plenty of water for at least 15 min; remove contact lenses if present and easy-to-do; get medical attention
General advice	Get medical attention; show this data sheet to the doctor in attendance

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

No data available

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: water spray, foam, dry chemical powder, carbon dioxide

5.2 Special hazards arising from the substance or mixture

Flammable vapour, carbon oxides

5.3 Advice for fire fighters

Wear self-contained breathing apparatus for firefighting, if necessary

5.4 Further information

No further information

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing mist/vapour; keep away from heat, hot surface and other sources of ignition; wear lab coat, safety goggle, suitable protective gloves and boots; wash hands before and after use

6.2 Environmental precautions

No data available

6.3 Methods and material for containment and cleaning up

Absorb spilled material and put it in a suitable waste disposal container; keep container tightly closed for disposal; finish cleaning by spreading water over the contaminated area and ventilate the room

6.4 Reference to other sections

For disposal: see section 13

7. Handling and storage

7.1 Precautions for safe handling

Avoid breathing mist/vapour; assure adequate ventilation; keep away from heat and other sources of ignition; do not smoke; avoid contact with skin and eyes

7.2 Conditions for safe storage, including any incompatibilities

Store in original container in dry, cool and well-ventilated area; keep container closed; store away from heat

7.3 Specific end use(s)

No data available

8. Exposure controls/personal protection

8.1 Control parameters

No data available

8.2 Exposure controls

Appropriate engineering controls

Use general hygiene procedures; use process enclosures, local exhaust ventilation, or other engineering controls to keep low airborne levels; if user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit

Personal protective equipment

Eye/face protection

Wear safety goggles (EN 166)

Skin protection

Use proper lab gloves; gloves must be inspected prior to use

Body Protection

Wear lab coat or other impervious clothes; type of protection equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace

Respiratory protection

For most conditions no dust respirator is needed; if necessary, use dust respirator tested and approved under appropriate government standards such as NIOSH (USA) or CEN (EU)

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	liquid
Odour	no data available
Odour threshold	no data available
pH	no data available
Melting point/ freezing point	no data available
Initial boiling point and boiling range	no data available
Flash point	no data available
Evaporation rate	no data available
Flammability (Solid, gas)	no data available
Upper/lower flammability or explosive limits	no data available
Vapour pressure	no data available
Vapour density	no data available
Relative density	no data available
Water solubility	soluble
Partition coefficient: n-octanol/ water	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available
Explosive properties	no data available
Oxidizing properties	no data available

9.2 Other information

No further information

10. Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Heat

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

In case of fire: carbon oxides

11. Toxicological information

11.1 Information on toxicological effects

11.1.2 Mixtures

Acute toxicity

No data available

Skin corrosion/irritation

No data available

Serious eye damage/ eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Specific target organ toxicity – single exposure

No data available

Specific target organ toxicity – repeated exposure

No data available

Aspiration hazard

No data available

Potential health effects

Inhalation	May cause respiratory tract irritation
Ingestion	May be harmful if swallowed
Skin	May cause skin irritation
Eye	May cause eye irritation

12. Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

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