

SAFETY DATA SHEET

according to Regulation (EG) no 1907/2006
 Generic EU MSDS – No country specific data
 REVISION DATE: 2017-12-12

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

1.1 Product identifier

Product name: Protein A Variant PAI
 Article number: 05-0032

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

Identified uses: Laboratory chemical used for affinity 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

2. Hazards identification

2.1 Classification of the substance or mixture

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

Not classified as hazardous substance or mixture

2.2 Label elements

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

This product does not need to be labelled in accordance with EU-directive or respective national laws.

Signal word: -

Hazard statement(s): -

Precautionary statement(s): -

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)
Protein A	-	-	-	>90%	Not classified

4. First aid measures

4.1 Description of first aid measures

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

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 dust; wear lab coat, safety goggle, suitable protective gloves and boots; wash hands 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 dust; assure adequate ventilation; 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 at -20°C

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 airborne levels below recommended exposure limits; 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 Skin protection Body Protection Respiratory protection	Wear safety goggles (EN 166) Use proper lab gloves; gloves must be inspected prior to use 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 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)
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9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance		white fluctuate powder
Odour		odourless
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

No data available

10.5 Incompatible materials

No data available

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

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

13. Disposal considerations

13.1 Waste treatment methods

Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

Contaminated packaging: dispose of as unused product

14. Transport information

14.1 UN-number		
ADR-RID: -	IMDG: -	IATA: -
14.2 UN proper shipping name		
ADR-RID:	Not dangerous goods	
IMDG:	Not dangerous goods	
IATA:	Not dangerous goods	
14.3 Transport hazard class(es)		
ADR-RID: -	IMDG: -	IATA: -
14.4 Packaging group		
ADR-RID: -	IMDG: -	IATA: -
14.5 Environmental hazards		
ADR-RID:	no	
IMDG, water pollutant:	no	
IATA:	no	
14.6 Special precautions for user		
No data available		
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code		
No data available		

15. Regulatory information

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
No data available
15.2 Chemical safety assessment
No data available

16. Other information

This information is based on the current state of knowledge.
 Precaution and disclaimer: For laboratory use only; not for drug, household, or any other use.