

SAFETY DATA SHEET

according to Regulation (EG) no 1907/2006
 Generic EU MSDS – No country specific data
 REVISION DATE: 2014-05-30

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

1.1 Product identifier

Product name: IMAC Elution buffer
 Article number: 09-1012

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

Identified uses: Laboratory chemical

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) Nr 1272/2008 (EU-GHS/CLP)

Acute Toxicity (Category 4)	H302
Skin Corrosion (Category 1B)	H314
Reproductive toxicity (Category 1B)	H360FD

For full text of the H-phrases, see section 16.

2.2 Label elements

Labelling according to Regulation (EC) Nr 1272/2008 (EU-GHS/CLP)



Signal word

Danger

Hazard statement(s)

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H360FD	May damage fertility or the unborn child

Precautionary statement(s)

P201	Obtain special instructions before use.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTRE or doctor/ physician.

Complementary hazard information

None

2.3 Other hazards

No data available.

3. Composition/information on ingredients

3.2 Mixtures

Substance	CAS-no.	EC-no.	Weight %	Classification according to constitution (EG) no 1272/2008 (CLP)
Imidazole	288-32-4	206-019-2	40-50 %	Acute Tox. 4, Skin Corr. 1B, Repr. 1B; H302, H314, H360FD

4. First aid measures

4.1 Description of first aid measures

If swallowed	Rinse mouth with water. Consult a physician.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash off with soap and plenty of water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2)

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5. Fire fighting measures

5.1 Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides, nitrogen oxides (NOx), hydrogen cyanide (hydrocyanic acid)

5.3 Advice for fire fighters

Wear self-contained breathing apparatus for fire fighting if necessary.

5.3 Further information

No data available.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Avoid breathing mist, vapours or gas. Use personal protective equipment. Evacuate personnel to safe areas.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and material for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers.

6.3 Reference to other sections

See section 13 for disposal.

7. Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s)

See section 1.2

8. Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values (Sweden).

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection Use safety glasses.

Skin protection Handle with gloves. Wash and dry hands after use.

Body Protection Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection Use a full face respirator if necessary.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Form: tablets
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 data available.

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.

(Continued on page 4)

10.5 Incompatible materials

Strong oxidizing agents, acid anhydrides, acids.

10.6 Hazardous decomposition products

See section 5.

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

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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 be harmful if inhaled. May cause respiratory tract irritation.
Ingestion	May be harmful if swallowed.
Skin	May cause skin irritation.
Eyes	Causes 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.

12.3 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. Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose contaminated packaging as an unused product.

14. Transport information

14.1 UN-number

ADR-RID, IMDG, IATA: -

14.2 UN proper shipping name

ADR-RID, IMDG, IATA: -

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

15. Regulatory information

This safety datasheet 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.

Text of H-phrases and P-phrases in section 2 and 3

Hazard statement(s)

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H360FD	May damage fertility or the unborn child

Acute Tox. 4	Acute Toxicity /Category 4)
Skin Corr. 1B	Skin Corrosion (Category 1B)
Repr. 1B	Reproductive toxicity (Category 1B)

Precautionary statement(s)

P201	Obtain special instructions before use.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTRE or doctor/ physician.