

SAFETY DATA SHEET

according to EC directive 2001/58/EC



Aminopeptidase M (AA-Arylamidase)

Version 1
Processing date 06.05.2003

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Printing date 25.02.2010

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product information

Commercial Product Name: Aminopeptidase M (AA-Arylamidase)
Mat. No.: 10102768001
Mat. No. (old): 102768
Intended use: Suspension

Company: Roche Diagnostics GmbH
Sandhofer Strasse 116
D-68305 Mannheim
Telephone: +49(0)621-759-0
Telefax: +49(0)621-759-2890
Responsible Department: +49(0)621-759-2012 oder +49(0)621-759-4848 oder +49(0)8856-60-2629

In case of emergencies
Central Works Security Roche Diagnostics GmbH: ++49(0)621-759-2203
Centre for detoxification: Mainz +49-6131-232466 or -232467 / München +49-89-19240

2. CHEMICAL CHARACTERISATION

Chemical Nature

CAS-No.: 9031-94-1

Ingredients

42 % Ammonium Sulfate CAS-No.: 7783-20-2
Labelling: not required

> 1 % Aminopeptidase M
Labelling: not required

3. HAZARDS IDENTIFICATION

Risk advice to man and the environment

Is to be classified according to EEC directive 67/548 and 99/45 as hazardous.

Classification: Harmful

Warnings: R36/37/38 Irritating to eyes, respiratory system and skin.
R42 May cause sensitization by inhalation.

Note: slightly hazardous to water and ground

4. FIRST AID MEASURES

Skin contact: Wash skin with water thoroughly.

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Eye contact:	Promptly wash eyes with water for at least 15 minutes, seek medical advice.
Ingestion:	If accidentally swallowed obtain immediate medical attention.
Instructions for physician:	Symptomatic treatment by a physician.

5. FIRE-FIGHTING MEASURES

Extinguishing media:	No restriction.
Decomposition:	Dangerous decomposition is not anticipated.

6. ACCIDENTAL RELEASE MEASURES

Actions to be taken on spillage:	Dilute spilled liquids with plenty of water and adsorb.
Absorbent material:	No restriction.
Actions to be taken to limit damage:	Special measures to limit damage are not necessary.

7. HANDLING AND STORAGE

Handling:	The product itself does not burn. No special requirements.
Storage:	Store between +2°C and +8°C.
Do not store together with:	No restriction.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection:	No personal respiratory protective equipment normally required.
Eye protection:	Safety glasses
Hand protection:	Protective gloves
Hygiene measures:	Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	liquid
Odour:	very faint
pH:	ca. 7,5
Fire promoting:	Substance does not have any oxidizing properties.
Miscibility with water:	completely miscible
Water solubility:	soluble

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10. STABILITY AND REACTIVITY

Hazardous reactions: none under normal use
Hazardous decomposition products: none

11. TOXICOLOGICAL INFORMATION

Ammonium Sulfate
Oral toxicity: LD50 rat 3.000 mg/kg

Toxicological information for the product

Irritating to eyes, respiratory system and skin. Substance/product may cause allergies.

12. ECOLOGICAL INFORMATION

Water hazard class: 1
Self-classification

Ammonium Sulfate
Toxicity to fish: NOEC *Leuciscus idus* 460 mg/l (96 h)
EC/LC50 *Leuciscus idus* 461 - 999 mg/l (96 h)

Toxicity to daphnia: EC/LC50 *Daphnia magna* 433 mg/l (50 h)

13. DISPOSAL CONSIDERATIONS

Waste disposal route: Small quantities may be disposed off in waste water.

Disposal of empty packaging: Dispose of empty packs via local recycling or waste disposal routes- if necessary, clean them beforehand.

14. TRANSPORT INFORMATION

Is not subject to current regulations for transportation of dangerous goods (ADR/RID, IMDG, IATA/ICAO)

15. REGULATORY INFORMATION

Labelling according to EC-Directives

Note: This product must be labeled in accordance with EEC directive 67/548 and 99/45.

Hazard symbol: Xn Harmful

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Warnings:	R36/37/38	Irritating to eyes, respiratory system and skin.
	R42	May cause sensitization by inhalation.
Safety advice:	S22	Do not breathe dust.
	S24	Avoid contact with the skin.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S36/37	Wear suitable protective clothing and gloves.

National regulations

German BetriebssicherheitsVO: Is not subject of the German regulations for flammable liquids (BetriebssicherheitsVO).

16. OTHER INFORMATION

Further information

The information herein is believed to be correct as of the date hereof but is provided without warranty of any kind. The recipient of our product is responsible for ensuring that, where applicable, existing laws and guidelines are observed.

Special permission has been granted in accordance with EU Directive 99/45, Article 9, which permit small packages of up to 125 ml or 125 g containing materials that are harmful to health or irritant to be unlabelled with the hazard identification information given in the safety data sheet.