

SAFETY DATA SHEET
HUMAN ALPHA-1-MICROGLOBULIN (A1M)

Page: 1
Compilation date: 21/12/2015
Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: HUMAN ALPHA-1-MICROGLOBULIN (A1M)

Product code: P121-1

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

Use of substance / mixture: For Research and Manufacturing only. This product is manufactured from human derived material. Avoid the use of sharps and generation of aerosol, follow safe work practices to eliminate / control exposure to potentially infectious pathogens.

1.3. Details of the supplier of the safety data sheet

Company name: BBI Solutions
Broad Oak Enterprise Village
Broad Oak Road
Sittingbourne
Kent
ME9 8AQ
United Kingdom

Tel: +44 (0)1795 423077

Fax: +44 (0)8706 222132

Email: info@bbisolutions.com

1.4. Emergency telephone number

Emergency tel: +44 (0)1795423077
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

Other hazards: Prepared from donor serum tested negative for HIV 1 & 2 antibodies, Hepatitis B surface antigen and Hepatitis C virus antibodies. No test can guarantee the absence of an infectious agent. Handle as potentially hazardous

PBT: This product is not identified as a PBT/vPvB substance.

SAFETY DATA SHEET
HUMAN ALPHA-1-MICROGLOBULIN (A1M)

Page: 2

Section 3: Composition/information on ingredients

3.2. Mixtures

Non-classified ingredients:

HUMAN URINE (CHRONIC RENAL TUBULAR PROTEINURIA)

EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	-	-	-	96.000%

AMMONIUM BICARBONATE

213-911-5	1066-33-7	-	Acute Tox. 4: H302	0.160%
-----------	-----------	---	--------------------	--------

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: No data available.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: no data available

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

[cont...]

SAFETY DATA SHEET
HUMAN ALPHA-1-MICROGLOBULIN (A1M)

Page: 3

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Not applicable.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: For human source material, handle as if containing infectious material. Protect from contamination. Wear personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store at 2-8oC Do not freeze

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Recommended use within a microbiological safety cabinet

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Environmental: Do not let product enter the drains

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Solid

Colour: Off white / light brown

Odour: Odourless

[cont...]

SAFETY DATA SHEET
HUMAN ALPHA-1-MICROGLOBULIN (A1M)

Page: 4

Viscosity: Non-viscous

pH: Approx. 7

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Do not freeze

10.5. Incompatible materials

Materials to avoid: No data available.

10.6. Hazardous decomposition products

Haz. decomp. products: No data available.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: No data available.

Other information: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

[cont...]

SAFETY DATA SHEET
HUMAN ALPHA-1-MICROGLOBULIN (A1M)

Page: 5

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Not applicable.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal. Dispose of all potentially infectious material by autoclaving or incineration

Disposal of packaging: Dispose of all potentially infectious material by autoclaving or incineration. Dispose of as unused product

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H302: Harmful if swallowed.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.