

# SAFETY DATA SHEET

HCG (HUMAN CHORIONIC GONADOTROPHIN)

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Compilation date: 22/12/2015

Revision No: 1

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

### 1.1. Product identifier

**Product name:** HCG (HUMAN CHORIONIC GONADOTROPHIN)

**Product code:** P111-0

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

**Use of substance / mixture:** For Research and Manufacturing only.

### 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

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

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## Non-classified ingredients:

HUMAN CHORIONIC GONADOTROPHIN

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

AMMONIUM BICARBONATE

213-911-5	1066-33-7	-	Acute Tox. 4: H302	0.160%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash skin thoroughly with water Remove all contaminated clothes and footwear immediately unless stuck to skin.

**Eye contact:** Irrigate thoroughly with water, seek medical attention.

**Ingestion:** Wash out mouth with water. Give plenty of water to drink, and seek medical attention

**Inhalation:** No data available Consult a doctor in case of complaint

### 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:** May be harmful if swallowed

**Inhalation:** No data available.

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

**Immediate / special treatment:** Potential risk of infection. Product has been donor screened for some infectious agents, however as the material is of human origin it is to be treated as potentially infectious.

## 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

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Avoid breathing vapours, mist or gas.

[cont...]

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## 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

## 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## 6.4. Reference to other sections

## 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

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** For Reasearch and Manufacturing only.

## 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 is not required under normal use of this product

**Hand protection:** Gloves must be inspected before use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with substance.

**Eye protection:** Safety glasses with side-shields.

**Skin protection:** Protective clothing.

**Environmental:** Prevent from entering in public sewers or the immediate environment.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Powder

**Colour:** White

**Odour:** Odourless

**pH:** Approx. 7

[cont...]

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## 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: No data available.

### 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

## 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:** May be harmful if swallowed

**Inhalation:** No data available.

## Section 12: Ecological information

### 12.1. Toxicity

Ecotoxicity values: No data available.

### 12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

### 12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

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

[cont...]

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## 12.6. Other adverse effects

**Other adverse effects:** No data available.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**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:** In the UK hCG is a Home office controlled substance under The Misuse of drugs Legislation 2001 schedule 4 Part 2. It is recommended that national legislation is referred to in order to ensure compliance with any specific requirements.

### 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.