Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCES/MIXTURE AND OF THE COMPANY/UNDERTAKING
1.1. Product Identifiers
Product Code(s) HB0895
Product Name (-)-Bicuculline Methochloride

1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended use For research use only – Not for human use
Uses advised against No information available

1.3. Details of the supplier of the safety data sheet
Supplier HelloBio Ltd
Unit 3 IO Centre
Cabot Park
Moorend Farm Avenue
Avonmouth
Bristol
BS11 0QL
UK
Tel: +44 (0)117 318 0505
Fax: +44 (0)1179 811 601

For further information, please contact: technicalsupport@hellobio.com

1.4. Emergency Telephone number
Emergency telephone - Tel: +44 (0)117 318 0505

2. HAZARDS IDENTIFICATION
2.1. Classification of the substance or mixture
GHS/CLP – REGULATION (EC) No 1272/2008
Acute oral toxicity Category 3
Acute dermal toxicity Category 3
Acute inhalation toxicity – dust/mist Category 3
Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 2
Specific target organ systemic toxicity (single exposure) Category 3
Acute aquatic toxicity Category 1

DSD/DPD – Classification according to EU Directives 67/548/EEC or 1999/45/EC
T – Toxic, N – Dangerous for the environment
R50 – Very Toxic to aquatic organisms
R23/24/25 – Toxic by inhalation, in contact with skin and if swallowed
2.2. Label Elements

Signal Word
Danger

Hazard Statements
H301 – Toxic if swallowed
H311 – Toxic in contact with skin
H331 – Toxic if inhaled
H315 – Causes skin irritation
H319 – Causes serious eye irritation
H335 – May cause respiratory irritation
H400 – Very toxic to aquatic life

Precautionary Statements
P301 +P310 - IF SWALLOWED: Immediately call POISON CENTER or doctor/physician
P305 +P351 +P38 -IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P304 +P340 -IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing
P302 +P352 -IF ON SKIN: Wash with plenty of soap and water
P32 +P31 -If skin irritation curs: Get medical advice/attention
P261 -Avoid breathing dust/fume/gas/mist/vapours/spray
P280 -Wear protective gloves/eye protection/face protection
P361 -Remove/Take off immediately all contaminated clothing
P264 -Wash face, hands and any exposed skin thoroughly after handling
P31 -Cal POISON CENTER or doctor/physician
P362 -Take of contaminated clothing and wash before use
P270 -Do not eat, drink or smoke when using this product
P271 -Use only outdoors or in a well-ventilated area
P403 +P23 -Store in a well-ventilated place. Keep container tightly closed
P30 -Rinse mouth
P273 -Avoid release to the environment
P391 -Collect spillage
P501 -Dispose of contents/container to an approved waste disposal pant
P405 -Store locked up
P36 -Wash contaminated clothing before use

Other hazards
Caution – substance not yet completely tested

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances
Product Name: (-)-Bicuculline methochloride
4. FIRST AID MEASURES

4.1. Description of first aid measures

General advice
If symptoms persist, call a physician.

Eye contact
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If symptoms persist, call a physician.

Skin Contact
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.

Ingestion
Rinse mouth. If symptoms persist, call a physician

Inhalation
Move to fresh air. If symptoms persist, call a physician.

4.2. Most important symptoms and effects, both acute and delayed
To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

4.3. Indication of immediate medical attention and special treatment needed
Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media
Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

5.2. Special hazards arising from the substance or mixture
In combustion, may emit toxic fumes.

5.3. Precautions for fire-fighters
Wear suitable protective clothing to prevent contact with skin and eyes and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Do not take action without suitable protective clothing – see section 8 of SDS. Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid breathing vapours, mist, dust or gas.

6.2. Environmental precautions
Do not let product enter drains.

6.3. Methods and materials for containment and cleaning up
Cover spillage with suitable absorbent material. Using non-spark tools, sweep up material and place in an appropriate container. Decontaminate spill site with 10%
caustic solution and ventilate area until disposal is complete. Hold all material for appropriate disposal as described under section 13 of SDS.

6.4. Reference to other sections
For required PPE see section 8. For disposal see section 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling
Use in a chemical fume hood, with air supplied by an independent system. Avoid inhalation, contact with eyes, skin and clothing. Avoid the formation of dust and aerosols. Use in a well-ventilated area. Keep away from sources of ignition. Avoid prolonged or repeated exposure.

7.2. Conditions for safe storage, including any incompatibilities.
Store in cool, well-ventilated area. Keep away from direct sunlight. Keep container tightly sealed until ready for use. Recommended storage temperature: Store at RT

7.3. Specific end uses
Use in a laboratory fume hood where possible. Refer to employer's COSHH risk assessment.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Components with workplace control parameters
Contains no substances with occupational exposure limit values.

8.2. Exposure controls

Appropriate engineering controls
Use in a fume hood where applicable. Ensure all engineering measures described under section 7 of SDS are in place. Ensure laboratory is equipped with a safety shower and eye wash station.

Personal protective equipment

Eye/face protection
Use appropriate safety glasses.

Skin protection
Use appropriate chemical resistant gloves (minimum requirement use standard BS EN 374:2003). Gloves should be inspected before use. Wash and dry hands thoroughly after handling.

Body protection
Wear appropriate protective clothing.

Respiratory protection
If risk assessment indicates necessary, use a suitable respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

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Revision Date 06-Nov-2015
9.2. Other safety information
No data available

10. STABILITY AND REACTIVITY

10.1. Reactivity
Stable under recommended transport or storage conditions.

10.2. Chemical Stability
Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions
Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid
Heat, moisture

10.5. Incompatible materials
Strong acids/alkalis, strong oxidising/reducing agents.

10.6. Hazardous decomposition products
Carbon monoxide (CO), Carbon dioxide (CO₂), Nitrogen oxides (NOx), Hydrogen Chloride.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute Toxicity
Inhalation  Toxic by inhalation. May cause irritation of respiratory tract.

Eye contact  May cause irritation

Skin contact  Toxic in contact with skin. May cause irritation.

Ingestion  Toxic if swallowed. Ingestion may cause irritation to mucous membranes

Chronic toxicity  No Information available

Corrosivity  No Information available

Sensitization  No Information available

Neurological effects  No Information available

Reproductive toxicity  No Information available

Mutagenic effects  No Information available

Target Organ Effects  No Information available
12. ECOLOGICAL INFORMATION

12.1. Toxicity
Ecotoxicity effects

Very toxic to aquatic organisms.

12.2. Persistence and degradability
No Information available

12.3. Bioaccumulative potential
No Information available

12.4. Mobility in soil
No Information available

12.5. Results of PBT and vPvB assessment
No Information available

12.6. Other adverse effects
No Information available

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Waste from residues/unused products

Dispose of in accordance with local regulations

Contaminated packaging
Empty containers should be taken to an approved waste handling site for recycling or disposal.

Other information
According to the European Waste Catalogue. Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

14. TRANSPORT INFORMATION

ADR

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15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
No information available

15.2. Chemical Safety Assessment
No information available

16. OTHER INFORMATION

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

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless stated in the text.