SECTION 1: Identification of the mixture and of the company / undertaking

1.1 Product identifier
· Trade name: CHROMagar™ B.cereus base

1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.
· Application of the substance / the preparation: Reagent for Laboratory Use

1.3 Details of the supplier of the safety data sheet
· Manufacturer/Supplier:
  CHROMagar
  4, place du 18 Juin 1940 - 75006 Paris
  Tel: +33 1 45 48 05 05
  Email: chromagar@chromagar.com

1.4 Emergency telephone number:
  France (ORFILA 24h/24) - Tel: +33 (0)1 45 42 59 59
  Ireland - Tel: 00 353 1 8092568 - 00 353 1 8379964 (24h/24) EU Tel: 112
  Belgique - Tel: 32 070/245 245
  UK: 111 (NHS) / 0345 300 9923 (HSE)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
· Classification according to Regulation (EC) No 1272/2008:
The product is not classified according to the CLP regulation.

2.2 Label elements
· Labelling according to Regulation (EC) No 1272/2008: Not classified as hazardous
· Hazard pictograms: Not classified as hazardous
· Signal word: Not classified as hazardous
· Hazard statements: Not classified as hazardous

2.3 Other hazards
· Results of PBT and vPvB assessment
  · PBT: Not applicable.
  · vPvB: Not applicable.

SECTION 3: Composition / information on ingredients

3.2 Mixtures
· Description: Mixture: consisting of the following components.
· Dangerous components: Not classified as hazardous.
· SVHC: No
· Additional information: For the wording of the listed risk phrases, refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures
· General information: Position and transport stably in side position.
  In case of irregular breathing or respiratory arrest provide artificial respiration.
· After excessive inhalation: Provide fresh air; consult a doctor in case of medical complaints.
4.2 Most important symptoms and effects, both acute and delayed:
No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed:
No further relevant information available.

SECTION 5: Firefighting measures

5.1 Suitable extinguishing agents:
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture: No further relevant information available.

5.3 Advice for firefighters
· Protective equipment: No special measures required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:
No special measures required. Avoid formation of dust.

6.2 Environmental precautions: Do not allow product to reach sewage system or any water course. Dilute with plenty of water.

6.3 Methods and material for containment and cleaning up: Pick up mechanically.

6.4 Reference to other sections:
See Section 7 for information on safe handling.
See Section 8 for information on personal protective equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:
Keep away from heat and direct sunlight.
Thorough dedusting.

· Information about fire - and explosion protection:
No special measures required.

7.2 Conditions for safe storage, including any incompatibilities:
· Storage:
· Requirements to be met by storerooms and receptacles: Store away from light and moisture.
No special requirements.

· Information about storage in one common storage facility: Not required.

· Further information about storage conditions:
Store in cool, dry conditions in well sealed receptacles.

· Recommended storage temperature: 15-30°C

7.3 Specific end use(s):
No further relevant information available.
SECTION 8: Exposure controls / personal protection

· Additional information about design of technical facilities: No further data; see section 7.

8.1 Control parameters
· Ingredients with limit values that require monitoring at the workplace:
The product does not contain any significant quantities of materials with critical values that have to be monitored at the workplace.
· Additional information:
The most current valid lists have been used as a basis for the production of this document.

8.2 Exposure controls
· Personal protective equipment:
· General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands: Protective gloves.
EN374 gloves for chemicals.

Gloves material: Butyl rubber, BR.
Eye protection: Safety glasses.

Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
· General Information
· Appearance:
  · Form: Powder
  · Colour: Beige
· Odour: Characteristic
· Odour threshold: Not determined.
· pH-value: Not applicable.
· Change in condition:
  · Melting point/Melting range: Undetermined.
  · Boiling point/Boiling range: Undetermined.
· Flash point: Not applicable.
SAFETY DATA SHEET
(according 1907/2006/CE, Art. 31)

CHROMagar™ B.cereus base
Ref : BC732(B)

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· Flammability (solid, gaseous) : Not determined.
· Ignition temperature: Not applicable.
· Decomposition temperature: Not determined.
· Self-igniting : Product is not self igniting.
· Danger of explosion : Product does not present an explosion hazard.
· Explosion limits :
  Lower : Not determined.
  Upper : Not determined.
· Vapour pressure : Not applicable.
· Density at 20°C : 0.5 +/- 0.1 g/cm³
· Relative density : Not determined.
· Vapour density : Not applicable.
· Evaporation rate : Not applicable.
· Solubility in / Miscibility with water : Partly soluble.
· Segregation coefficient (n-octanol/water) : Not determined.
· Viscosity:
  Dynamic : Not applicable.
  Kinematic : Not applicable.

9.2 Other information : No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity : No further relevant information available.
10.2 Chemical stability :
· Thermal decomposition / conditions to be avoided : No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions : No dangerous reactions known.
10.4 Conditions to avoid : No further relevant information available.
10.5 Incompatible materials : No further relevant information available.
10.6 Hazardous decomposition products : No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
· Acute toxicity : Based on available data, the classification criteria are not met.
· Primary irritant effect :
  On the skin : Based on available data, the classification criteria are not met.
  On the eyes : Based on available data, the classification criteria are not met.
· Respiratory or skin sensitisation : Based on available data, the classification criteria are not met.
· CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction) :
  Germ cell mutagenicity : Based on available data, the classification criteria are not met.
  Reproductive toxicity : Based on available data, the classification criteria are not met.
  STOT-single exposure : Based on available data, the classification criteria are not met.
  STOT-repeated exposure : Based on available data, the classification criteria are not met.
· Aspiration hazard : Based on available data, the classification criteria are not met.
SECTION 12: Ecological information

12.1 Toxicity
· Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability: No further relevant information available.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil:
· Additional ecological information:
· General notes: Generally not hazardous for water.

12.5 Results of PBT and vPvB assessment
· PBT: Not applicable.
· vPvB: Not applicable.

12.6 Other adverse effects: No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
· Recommendation: Must be specially treated according to official regulations.

13.2 Uncleaned packaging:
· Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number
· ADR, ADN, IMDG, IATA: Void

14.2 UN proper shipping name
· ADR, ADN, IMDG, IATA: Void

14.3 Transport hazard class(es)
· ADR, ADN, IMDG, IATA
· Class: Void

14.4 Packing group
· ADR, IMDG, IATA: Void

14.5 Environmental hazards: Not applicable.

14.6 Special precautions for user: Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:
· UN "Model Regulation": Void

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the mixture:
· Directive 2012/18/EU
· Named dangerous substances - ANNEX I: None of the ingredients is listed.
15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Abbreviations and acronyms:
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  IMDG: International Maritime Code for Dangerous Goods
  IATA: International Air Transport Association
  GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  PBT: Persistent, Bioaccumulative and Toxic
  SVHC: Substances of Very High Concern
  vPvB: very Persistent and very Bioaccumulative
SAFETY DATA SHEET  
(according 1907/2006/CE, Art. 31)  
CHROMagar™ B.cereus supplement  
Ref : BC732(S)  

SECTION 1: Identification of the mixture and of the company / undertaking

1.1 Product identifier
· Trade name: CHROMagar™ B.cereus supplement

1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.
· Application of the substance / the preparation : Reagent for Laboratory Use

1.3 Details of the supplier of the safety data sheet
· Manufacturer/Supplier:
CHROMagar  
4, place du 18 Juin 1940 - 75006 Paris  
Tel: +33 1 45 48 05 05  
Email : chromagar@chromagar.com

1.4 Emergency telephone number:
France (ORFILA 24h/24) - Tel : +33 (0)1 45 42 59 59  
Ireland - Tel : 00 353 1 8092568 - 00 353 1 8379964 (24h/24) EU Tel: 112  
Belgique - Tel : 32 070/245 245  
UK : 111 (NHS) / 0345 300 9923 (HSE)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
· Classification according to Regulation (EC) No 1272/2008 :
The product is not classified according to the CLP regulation.

2.2 Label elements
· Labelling according to Regulation (EC) No 1272/2008 : Not classified as hazardous  
· Hazard pictograms : Not classified as hazardous  
· Signal word : Not classified as hazardous  
· Hazard statements : Not classified as hazardous

2.3 Other hazards
· Results of PBT and vPvB assessment
· PBT: Not applicable.  
· vPvB: Not applicable.

SECTION 3: Composition / information on ingredients

3.2 Mixtures
· Description : Mixture: consisting of the following components.  
· Dangerous components : Not classified as hazardous.  
· SVHC : No  
· Additional information : For the wording of the listed risk phrases, refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures
· General information : Position and transport stably in side position.  
In case of irregular breathing or respiratory arrest provide artificial respiration.
4.2 Most important symptoms and effects, both acute and delayed:
No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed:
No further relevant information available.

SECTION 5: Firefighting measures

5.1 Suitable extinguishing agents:
CO2, powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture: No further relevant information available.

5.3 Advice for firefighters
· Protective equipment: No special measures required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:
No special measures required. Avoid formation of dust.

6.2 Environmental precautions: Do not allow product to reach sewage system or any water course. Dilute with plenty of water.

6.3 Methods and material for containment and cleaning up: Pick up mechanically.

6.4 Reference to other sections:
See Section 7 for information on safe handling.
See Section 8 for information on personal protective equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:
· Information about fire - and explosion protection:
  Keep away from heat and direct sunlight.
  Thorough dedusting.
  No special measures required.

7.2 Conditions for safe storage, including any incompatibilities:
· Storage:
  Requirements to be met by storerooms and receptacles: Store away from light and moisture.
  No special requirements.

· Information about storage in one common storage facility: Not required.

· Further information about storage conditions:
  Store in cool, dry conditions in well sealed receptacles.

· Recommended storage temperature:
  2-8°C

7.3 Specific end use(s):
No further relevant information available.
SECTION 8: Exposure controls / personal protection

· Additional information about design of technical facilities: No further data; see section 7.

8.1 Control parameters
· Ingredients with limit values that require monitoring at the workplace:
The product does not contain any significant quantities of materials with critical values that have to be monitored at the workplace.
· Additional information:
The most current valid lists have been used as a basis for the production of this document.

8.2 Exposure controls
· Personal protective equipment:
· General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands: Protective gloves.
EN374 gloves for chemicals.

Gloves material: Butyl rubber, BR.
Eye protection: Safety glasses.

Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
· General Information
· Appearance:
  Form: Powder
  Colour: Yellow
· Odour: Characteristic
· Odour threshold: Not determined.
· pH-value: Not applicable.
· Change in condition:
  Melting point/Melting range: Undetermined.
  Boiling point/Boiling range: Undetermined.
SAFETY DATA SHEET
(according 1907/2006/CE, Art. 31)
CHROMagar™ B.cereus supplement
Ref : BC732(S)

- Flash point : Not applicable.
- Flammability (solid, gaseous) : Not determined.
- Ignition temperature: Not applicable.
- Decomposition temperature: Not determined.
- Self-igniting : Product is not self igniting.
- Danger of explosion : Product does not present an explosion hazard.
- Explosion limits :
  - Lower : Not determined.
  - Upper : Not determined.
- Vapour pressure : Not applicable.
- Density at 20°C : 0.5 +/- 0.1 g/cm³
- Relative density : Not determined.
- Vapour density : Not applicable.
- Evaporation rate : Not applicable.
- Solubility in / Miscibility with water : Partly soluble.
- Segregation coefficient (n-octanol/water) : Not determined.
- Viscosity:
  - Dynamic : Not applicable.
  - Kinematic : Not applicable.
9.2 Other information : No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity : No further relevant information available.
10.2 Chemical stability :
  - Thermal decomposition / conditions to be avoided : No decomposition if used and stored according to specifications.
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  - Primary irritant effect : Based on available data, the classification criteria are not met.
  - On the skin : Based on available data, the classification criteria are not met.
  - On the eyes : Based on available data, the classification criteria are not met.
  - Respiratory or skin sensitisation : Based on available data, the classification criteria are not met.
  - CMR effects (carcinogenity, mutagenicity and toxicity for reproduction) :
  - Germ cell mutagenicity : Based on available data, the classification criteria are not met.
  - Reproductive toxicity : Based on available data, the classification criteria are not met.
  - STOT-single exposure : Based on available data, the classification criteria are not met.
  - STOT-repeated exposure : Based on available data, the classification criteria are not met.
  - Aspiration hazard : Based on available data, the classification criteria are not met.
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12.1 Toxicity
· Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability: No further relevant information available.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil:
· Additional ecological information:
· General notes: Generally not hazardous for water.

12.5 Results of PBT and vPvB assessment
· PBT: Not applicable.
· vPvB: Not applicable.

12.6 Other adverse effects: No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
· Recommendation: Must be specially treated according to official regulations.
· Uncleaned packaging:
· Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number
· ADR, ADN, IMDG, IATA: Void

14.2 UN proper shipping name
· ADR, ADN, IMDG, IATA: Void

14.3 Transport hazard class(es)
· ADR, ADN, IMDG, IATA
· Class: Void

14.4 Packing group
· ADR, IMDG, IATA: Void

14.5 Environmental hazards: Not applicable.

14.6 Special precautions for user: Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:
· UN "Model Regulation": Void

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  IMDG: International Maritime Code for Dangerous Goods
  IATA: International Air Transport Association
  GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  PBT: Persistent, Bioaccumulative and Toxic
  SVHC: Substances of Very High Concern
  vPvB: very Persistent and very Bioaccumulative