SAFETY DATA SHEET
(according 1907/2006/CE, Art. 31)

CHROMagar™ COL-APSE base
Ref: CO262(B)

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

1.1 Product identifier
· Trade name: CHROMagar™ COL-APSE 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
  Belgium - 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:
Keep away from heat and direct sunlight. Thorough dedusting.

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™ COL-APSE base
Ref : CO262(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 (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.
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: No further relevant information available.
- 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

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

1.1 Product identifier
· Trade name: CHROMagar™ COL-APSE 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
· 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.
· After excessive inhalation: Provide fresh air; consult a doctor in case of medical complaints.
· After skin contact: In the event of irritation, to withdraw soiled clothing, to wash the parts reached with soapy water, to rinse with large water. If skin irritation continues, consult a doctor.
· After eye contact: Rinse opened eye for several minutes under running water.
· After swallowing: Do not induce vomiting; call for medical help immediately.

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.

6.2 Environmental precautions: Dilute with plenty of water.

6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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: No special measures required.
· 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.
  · Information about storage in one common storage facility: Not required.
· Further information about storage conditions: Protect from frost.
· 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: Not required.

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: Liquid
  Colour: Yellowish
· Odour: Characteristic
· Odour threshold: Not determined.
· pH-value: Not determined.
· Change in condition
  Melting point/Melting range: Undetermined.
  Boiling point/Boiling range: Undetermined.
· Flash point: Not applicable.
· Flammability (solid, gaseous) : Not applicable.
· 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 determined.
· Density at 20°C : $1+/\text{-}10\% \text{ g/cm}^3$
· Relative density : Not determined.
· Vapour density : Not determined.
· Evaporation rate : Not determined.
· Solubility in / Miscibility with water : Fully miscible.
· Segregation coefficient (n-octanol/water) : Not determined.
· Viscosity:
  Dynamic : Not determined.
  Kinematic : Not determined.

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 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 : 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.
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: No further relevant information available.
   · 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. Smaller quantities can be disposed of with household waste.

   · Uncleaned packaging :
     · Recommendation : Disposal must be made according to official regulations.
     · Recommended cleansing agents : Water, if necessary together with cleansing agents.

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 :
   · Stowage Category : A

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.
- Qualifying quantity (tonnes) for the application of lower-tier requirements: 200 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements: 500 t

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