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SAFETY DATA SHEET

(according 1907/2006/CE, Art. 31)

CHROMagar™ Y.enterocolitica base Ref : YE492(B) AD-ASQ-268

Version 2.1

29-Feb-2024

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

· 1.1 Product identifier

· Trade name: CHROMagar™ Y.enterocolitica base

- · 1.2 Relevant identified uses of the substance or mixture and uses advised against
- · Sector of Use SU3 Industrial uses: Uses of substances as such or in preparations on industrial sites
- · Application of the substance / the preparation : Reagent for Laboratory Use
- · 1.3 Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

CHROMagar

29, avenue George Sand – 93210 La Plaine Saint-Denis

Tel: +33 1 45 48 05 05

Email: chromagar@chromagar.com

1.4 Emergency telephone number:

France (INRS 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 - Brüssel: +32 070/245 245

UK: Call NHS 999 in a medical emergency. If you urgently need medical help or advice but it's not a life-threatening situation, call 111 (24/7). The NHS 111 number is currently only available in certain areas. If you're outside of these areas, you should call NHS Direct on 0845 4647

Swiss Toxicological Information Centre (Zürich): +41 44 251 51 51 / www.toxi.ch.

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
- · Additional information:

EUH210 Safety data sheet available on request.

· 2.3 Other hazards

The mixture shall not contain substances listed in accordance with Article 59(1) of REACH as having endocrine disrupting properties, or be recognised as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in a concentration equal to or greater than 0.1%.

- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.



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SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· **Description:** Preparation: composed of the substances listed below.

· Dangerous components:

CAS: 302-95-4 sodium 3-alpha,12-alpha-dihydroxy-5-β-cholan-24-oate ≤2.5%

· SVHC -

· 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 inhalation: Provide fresh air; consult a doctor in case of medical complaints.
- · After skin contact:

Generally the product does not irritate the skin.

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.

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.



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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

- · 8.1 Control parameters
- · Ingredients with limit values that require monitoring at the workplace:

The product does not contain any signifiant 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
- · Appropriate engineering controls No further data; see section 7.
- · Individual protection measures, such as 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.

Filter A/P2

· Hand protection



Protective gloves

Chemical resistant gloves EN 374 · Gloves material: Butyl rubber, BR

· Eye/face protection





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· Body protection:



SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

Physical state Form: Colour: Solid Powder Beige

Odour: Characteristic
 Odour threshold: Not determined.
 Melting point/freezing point: Undetermined.

 \cdot Boiling point or initial boiling point and boiling

range Undetermined.
• Flammability Not determined.

· Lower and upper explosion limit

Lower: Not determined.
Upper: Not determined.
Flash point: Not applicable.
Auto-ignition temperature: Not applicable.
Decomposition temperature: Not determined.
pH

· Viscosity:

Kinematic viscosity
Kinematic:
Not applicable.
Dynamic:
Not applicable.
Not applicable.

· Solubility

water: Partly soluble.
 Partition coefficient n-octanol/water (log value)
 Vapour pressure: Not applicable.

· Density and/or relative density

Density at 20 °C: 0.5+/-0.1 g/cm³
 Relative density: Not determined.
 Vapour density: Not applicable.

· Particle characteristics

See section 3.

· 9.2 Other information :

Important information on protection of health and environment, and on safety.

· **Ignition temperature:** Product is not self igniting.

• Explosive properties: Product does not present an explosion hazard.

· Change in condition

· Evaporation rate : Not applicable.

Information with regard to physical hazard classes



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Not classified as hazardous · Explosives · Flammable gases Not classified as hazardous Not classified as hazardous · Aerosols Oxidising gases Not classified as hazardous · Gases under pressure Not classified as hazardous · Flammable liquids Not classified as hazardous · Flammable solids Not classified as hazardous · Self-reactive substances and mixtures Not classified as hazardous · Pyrophoric liquids Not classified as hazardous · Pyrophoric solids Not classified as hazardous · Self-heating substances and mixtures Not classified as hazardous

· Substances and mixtures, which emit flammable

gases in contact with water

Oxidising liquids
Oxidising solids
Organic peroxides
Organic peroxides
Ocorrosive to metals
Desensitised explosives

Not classified as hazardous
Not classified as hazardous
Not classified as hazardous
Not classified as hazardous

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 hazard classes as defined in Regulation (EC) No 1272/2008
- · Acute toxicity 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 sensitization Based on available data, the classification criteria are not met.
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity 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.
- · 11.2 Information on other hazards
- Endocrine disrupting properties:

None of the ingredients is listed.



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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.
- · 12.5 Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · 12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.
- · 12.7 Other adverse effects: No further relevant information available.
- · Additional ecological information:
- · General notes: Generally not hazardous for water.

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 or ID number
- · DOT, ADR, ADN, IMDG, IATA none
- · 14.2 UN proper shipping name
- · ADR, ADN, IMDG, IATA none
- · 14.3 Transport hazard class(es)
- · ADR, ADN, IMDG, IATA
- · Class none
- · 14.4 Packing group
- · ADR, IMDG, IATA none
- 14.5 Environmental hazards: Not applicable.
 14.6 Special precautions for user Not applicable.
- · 14.7 Maritime transport in bulk according to IMO
- **instruments** Not applicable.
- · UN "Model Regulation": none

SECTION 15: Regulatory information

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment Annex II:

None of the ingredients is listed.



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- · REGULATION (EU) 2019/1148
- Annex I RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3)):

None of the ingredients is listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS:

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors:

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors:

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.

Classification in accordance with Delegated Regulation (EU) 2022/692 of 16 February 2022 adapting to technical and scientific progress GB CLP for the 18th time and amending table 3 of Annex VI part 3 of Regulation (EC) 1272/2008.

This Safety Data Sheets is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

· Relevant phrases

H302 Harmful if swallowed.

H335 May cause respiratory irritation.

· Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation 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 Acute Tox. 4: Acute toxicity – Category 4

STOT SE 3: Specific target organ toxicity (single exposure) - Category 3



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CHROMagar™ Y.enterocolitica supplement Ref : YE492(S) AD-ASQ-288

Version 2.1

29-Feb-2024

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

undertaking

- · 1.1 Product identifier
- · Trade name: CHROMagar™ Y.enterocolitica supplement
- · 1.2 Relevant identified uses of the substance or mixture and uses advised against
- · Sector of Use SU3 Industrial uses: Uses of substances as such or in preparations on industrial sites
- · Application of the substance / the preparation : Reagent for Laboratory Use
- · 1.3 Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

CHROMagar

29, avenue George Sand – 93210 La Plaine Saint-Denis

Tel: +33 1 45 48 05 05

Email: chromagar@chromagar.com

1.4 Emergency telephone number:

France (INRS 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 - Brüssel: +32 070/245 245

UK: Call NHS 999 in a medical emergency. If you urgently need medical help or advice but it's not a life-threatening situation, call 111 (24/7). The NHS 111 number is currently only available in certain areas. If you're outside of these areas, you should call NHS Direct on 0845 4647

Swiss Toxicological Information Centre (Zürich): +41 44 251 51 51 / www.toxi.ch.

SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008:



GHS08

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.



Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

· Hazard pictograms



· Signal word Danger



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· Hazard-determining components of labelling:

ß-lactam antibiotics

Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

· Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing

protection.

P284 [In case of inadequate ventilation] wear respiratory protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international

regulations.

· Labelling of packages where the contents do not exceed 125 ml

· Hazard pictograms



· Signal word Danger

· Hazard-determining components of labelling:

ß-lactam antibiotics

· Hazard statements

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

· Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing

protection.

P284 [In case of inadequate ventilation] wear respiratory protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international

regulations.

· 2.3 Other hazards

The mixture shall not contain substances listed in accordance with Article 59(1) of REACH as having endocrine disrupting properties, or be recognised as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation



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(EU) 2018/605 in a concentration equal to or greater than 0.1%.

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

SECTION 3: Composition/information on ingredients

- · 3.2 Mixtures
- · Description: Preparation: composed of the substances listed below.
- · Dangerous components:

CAS: ß-lactam antibiotic 5-10%

Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335

CAS: β-lactam antibiotic ≤2.5%

& Resp. Sens. 1, H334; (1) Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335

- · SVHC -
- · 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 inhalation: Provide fresh air; consult a doctor in case of medical complaints.
- · After skin contact:

Generally the product does not irritate the skin.

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.

Avoid formation of dust.



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· 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Dilute with plenty of water.

Do not allow the product to enter sewers/ surface water or ground 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: 2-8 °C
- · 7.3 Specific end use(s): No further relevant information available.

SECTION 8: Exposure controls/personal protection

- · 8.1 Control parameters
- · Ingredients with limit values that require monitoring at the workplace:

The product does not contain any signifiant 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
- · Appropriate engineering controls No further data; see section 7.
- · Individual protection measures, such as 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.

Filter A/P2

· Hand protection





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· Gloves material: Butyl rubber, BR

· Eye/face 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

Physical state Form: Colour: Solid Powder White

Odour: Characteristic
 Odour threshold: Not determined.
 Melting point/freezing point: Undetermined.

· Boiling point or initial boiling point and boiling

range Undetermined.
• Flammability Not determined.

· Lower and upper explosion limit

Lower: Not determined.
Upper: Not determined.
Flash point: Not applicable.
Auto-ignition temperature: Not applicable.
Decomposition temperature: Not determined.
pH
Not applicable.

· Viscosity:

Kinematic viscosity
Kinematic:
Not applicable.
Dynamic:
Not applicable.
Not applicable.

· Solubility

water: Fully soluble.
 Partition coefficient n-octanol/water (log value)
 Vapour pressure: Not applicable.

· Density and/or relative density

Density at 20 °C: 0.5+/-0.1 g/cm³
 Relative density: Not determined.
 Vapour density: Not applicable.

· Particle characteristics

See section 3.

· 9.2 Other information:

· Important information on protection of health and environment, and on safety.

· **Ignition temperature:** Product is not self igniting.



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Product does not present an explosion hazard.

Page 6/9 · Explosive properties:

· Change in condition

· Evaporation rate: Not applicable.

· Information with regard to physical hazard classes

· Explosives Not classified as hazardous Not classified as hazardous · Flammable gases · Aerosols Not classified as hazardous Oxidising gases Not classified as hazardous · Gases under pressure Not classified as hazardous · Flammable liquids Not classified as hazardous · Flammable solids Not classified as hazardous Not classified as hazardous · Self-reactive substances and mixtures · Pyrophoric liquids Not classified as hazardous · Pyrophoric solids Not classified as hazardous · Self-heating substances and mixtures Not classified as hazardous

· Substances and mixtures, which emit flammable

Not classified as hazardous gases in contact with water · Oxidising liquids Not classified as hazardous · Oxidising solids Not classified as hazardous Not classified as hazardous · Organic peroxides Not classified as hazardous · Corrosive to metals Desensitised explosives Not classified as hazardous

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 hazard classes as defined in Regulation (EC) No 1272/2008
- · Acute toxicity Based on available data, the classification criteria are not met.
- On the skin:

Causes skin irritation.

- · On the eyes: Causes serious eye irritation.
- · Respiratory or skin sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction.

- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity 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.



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- · Aspiration hazard Based on available data, the classification criteria are not met.
- · 11.2 Information on other hazards
- · Endocrine disrupting properties:

None of the ingredients is listed.

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.
- · 12.5 Results of PBT and vPvB assessment
- · **PBT**: Not applicable.
- · vPvB: Not applicable.
- 12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.
- · 12.7 Other adverse effects: No further relevant information available.
- · Additional ecological information:
- · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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 or ID number

· DOT, ADR, ADN, IMDG, IATA none

· 14.2 UN proper shipping name

· ADR, ADN, IMDG, IATA none

· 14.3 Transport hazard class(es)

· ADR, ADN, IMDG, IATA

· Class none

· 14.4 Packing group

· ADR, IMDG, IATA none

14.5 Environmental hazards: Not applicable.
 14.6 Special precautions for user Not applicable.

· 14.7 Maritime transport in bulk according to IMO

instruments Not applicable.

· UN "Model Regulation": none



(according 1907/2006/CE, Art. 31)

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SECTION 15: Regulatory information

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II:

None of the ingredients is listed.

- · REGULATION (EU) 2019/1148
- Annex I RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3)):

None of the ingredients is listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS:

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors:

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors:

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.

Classification in accordance with Delegated Regulation (EU) 2022/692 of 16 February 2022 adapting to technical and scientific progress GB CLP for the 18th time and amending table 3 of Annex VI part 3 of Regulation (EC) 1272/2008.

This Safety Data Sheets is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

Relevant phrases

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

Classification according to Regulation (EC) No 1272/2008:

The classification of the mixture is generally based on the calculation Skin corrosion/irritation Serious eye damage/irritation method using substance data according to Regulation (EC) No 1272/2008.

Respiratory sensitisation

Skin sensitisation

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances



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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 Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 Resp. Sens. 1: Respiratory sensitisation – Category 1

Skin Sens. 1: Skin sensitisation - Category 1

STOT SE 3: Specific target organ toxicity (single exposure) - Category 3