

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

1.1. Product identifier

Product form : Substance
Product name. : CP Oat Beta Glucan Liquid
Product code : 901-3045

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

1.2.1. Relevant identified uses

Use of the substance/preparation : Formulation of preparations (mixtures).
Cosmetics, personal care products

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Ceapro Inc.
7824 – 51 Avenue
Edmonton, Alberta, Canada T6E 6W2
T 780-421-4555 - F 780-421-1320
info@ceapro.com - www.ceapro.com

1.4. Emergency telephone number

Emergency number : +1.780.421.4555 (Hours of operation: 8am – 5pm MST)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP], and OSHA 29 CFR1910.1200

Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC, and OSHA 29 CFR1910.1200

Not classified

Remarks

This product is not classified as a hazardous substance according to European Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP), and OSHA 29 CFR1910.1200. However, this safety data sheet is provided voluntarily according (as appropriate) to the principles of the CLP regulation.

Adverse physicochemical, human health and environmental effects

The chemical, physical and toxicological properties pertaining directly to physicochemical, human health, environmental effects and occupational exposures, have not been thoroughly characterized. The product is not expected to present a significant ingestion, skin, or inhalation hazard under anticipated conditions of normal use. Although the product is not expected to be an irritant to the eyes, direct contact may result in corneal injury, conjunctival redness and tearing.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP], and OSHA 29 CFR1910.1200

No labeling applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Directive 67/548/EEC, (EC) No. 1272/2008 [CLP], and OSHA 29 CFR1910.1200
Water	(CAS No.) 7732-18-5 (EC no) 231-791-2	< 100	Not classified
Avena Sativa (Oat) Bran Extract	(CAS No.) 84012-26-0 (EC no) 281-672-4 (I)	0.9 - 1.1	Not classified
Sodium Benzoate	(CAS No.) 532-32-1 (EC no) 208-534-8	0.5 - 0.525	Not classified
Potassium Sorbate	(CAS No.) 24634-61-5 (590-00-1) (EC no) 246-376-1	0.3 - 0.315	Not classified

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according to Regulation (EC) No. 453/2010 and OSHA 29 CFR1910.1200

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If necessary seek medical attention.
- First-aid measures after skin or hair contact : After contact with skin or hair, wash immediately with plenty of water and soap. Remove all contaminated clothing and footwear. If skin irritation persists, seek medical attention.
- First-aid measures after eye contact : Wash out immediately with fresh running water for at least 15 minutes. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. If pain persists, seek attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
- First-aid measures after ingestion : If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Immediately seek medical advice. Induce vomiting as directed by medical professional.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : Likely routes of exposure: ingestion, inhalation, skin and eye.
- Symptoms/injuries after skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use.
- Symptoms/injuries after eye contact : Not expected to be an irritant. Direct contact may result in corneal injury. Conjunctival redness, tearing.
- Symptoms/injuries after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use. Gastrointestinal tract discomfort may produce nausea and vomiting.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media: : Carbon dioxide (CO₂), dry chemical powder, foam.
- Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

- Reactivity : Stable under normal conditions of use.

5.3. Advice for firefighters

- Protective equipment for firefighters : Wear suitable personal protective equipment, properly as required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Eliminate all ignition sources if safe to do so. Provide adequate ventilation to minimize dust and/or vapour concentrations. Spilled material presents a slipping hazard.

6.1.1. For non-emergency personnel

- Protective equipment : Wear suitable personal protective equipment, as properly required.

6.1.2. For emergency responders

- Protective equipment : Wear suitable personal protective equipment, as properly required.

6.2. Environmental precautions

Avoid discharge to the environment. Prevent entry to sewers and public waterways. Relevant water authorities should be notified of any large spillage to water course or drain.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Contain and/or absorb spill with inert material (sand, vermiculite or other appropriate material), then place in suitable chemical container. Wash floor surface with safety solvent or detergent to remove remaining solution. Ventilate affected area.
- Other information : Prevent entry to sewers and public waterways. For larger spills, dike area and pump into waste containers. Wear suitable protective clothing during clean-up. Dispose of contents/container to comply with applicable local, provincial, national and international regulations.

6.4. Reference to other sections

Refer to sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Do not pressurize, cut, weld, braze solder, drill, grind, or expose containers to flames, sparks, heat, or other potential ignition sources. Protect from freezing. Minimum recommended temperature during transportation: >5°C

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according to Regulation (EC) No. 453/2010 and OSHA 29 CFR1910.1200

Hygiene measures : Handle in accordance with good industrial hygiene and safety practices. Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes. Wash hands thoroughly before and after handling. Do not use contaminated personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Storage condition(s) : Store at controlled room temperature. Keep in original containers. Keep container closed when not in use. Mix up thoroughly before use. Protect from sunlight. Store in a well-ventilated place.

Incompatible materials : Oxidizing agents, sulfuric acid, nitric acid, oxygen.

Storage temperature : 20 - 25 °C

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation. Mechanical ventilation is recommended.

Personal protective equipment : Protective goggles. Gloves. Protective clothing.



Hand protection : Chemical resistant gloves (nitrile-rubber, PVC, neoprene).

Eye protection : Tightly fitting safety goggles.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : An approved organic vapour respirator/supplied air or self-contained breathing apparatus must be used when vapour concentration exceeds applicable exposure limits.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Clear – hazy aqueous viscous liquid.

Colour : Colourless to slightly yellow.

odour : Characteristic oat odour.

Odour threshold : No data available

pH : 4.5 - 5.5

Relative evaporation rate (butylacetate=1) : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : No data available

Flash point : No data available

Self ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : Not applicable

Vapour pressure : No data available

Relative vapour density at 20 °C : Not applicable

Relative density : No data available

Solubility : Soluble in water

Log Pow : No data available

Log Kow : No data available

Viscosity : > 100 cPs

Explosive properties : No data available

Oxidising properties : No data available

Explosive limits : No data available

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Heat, open flame, sparks, hot surfaces, ignition sources, elevated temperature.

10.5. Incompatible materials

Oxidizing agents. sulfuric acid. nitric acid. oxygen.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified (No data available)

Skin corrosion/irritation : Not classified (No data available)

Serious eye damage/irritation : Not classified (No data available)

Respiratory or skin sensitisation : Not classified (No data available)

Germ cell mutagenicity : Not classified (No data available)

Carcinogenicity : Not classified (No data available)

Reproductive toxicity : Not classified (No data available)

Specific target organ toxicity (single exposure) : Not classified (No data available)

Specific target organ toxicity (repeated exposure) : Not classified (No data available)

Aspiration hazard : Not classified (No data available)

Potential Adverse human health effects and symptoms : The toxicological properties and its effect pertaining directly to human health have not been thoroughly characterized. None of the components are present at the concentration considered to be associated with a hazard.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : None of the components in the mixture are known environmental hazards (EU Directive 76/768/EEC and OSHA 29 CFR1910.1200).
Potassium sorbate is a cosmetic preservative; its use is restricted to 0.6% sorbic acid in the finished product (EU Directive 76/768/EEC and Regulation (EC) No. 1223/2009). It is listed as being supported for inclusion onto Annex 1 of Directive 91/414/EEC (Biocidal Products Directive). According to table 3.3.3 of the CLP Regulation (EC) No 1907/2006; if an eye irritant i.e. Sodium benzoate is present at ≤ 10% then the product does not require classification.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Dispose of contents/container to comply with applicable local, national and international regulations.

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SECTION 14: Transport information

In accordance with ADR / RID / ADN / IMDG / ICAO / IATA

14.1. UN number

Not a dangerous good in sense of transport regulations.

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Other information : None of the components are known environmental hazards.

14.6. Special precautions for user

14.6.1. Overland transport

Not applicable

14.6.2. Transport by sea

Not applicable

14.6.3. Air transport

Not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Sources of Key data

: Product Specification Data Sheet.

Abbreviations and acronyms

: ATE - acute toxicity estimate. BCF - bioconcentration factor. CAS - Chemical Abstracts Service. CLP - Classification, Labelling and Packaging. CSR - Chemical Safety Report. GHS - Globally Harmonised System. MSDS - Material Safety Data Sheet. Overland transport (ADR). PBT - Persistent, Bioaccumulative and Toxic substance. PEL- Permissible Exposure Level. REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals. Relat - Relative. SDS - Safety Data Sheet . STEL- Short-Term Exposure Limit . TLV- Threshold Limit Value. TWA- Time Weighted Average. vPvB - Very Persistent and Very Bioaccumulative.

The information in this safety data sheet is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. The information in this document is based on our present knowledge and should be used only as a supplement to information already in your possession concerning this product. It does not represent any guarantee of the properties of the product. The determination of whether and under what condition the product should be used is yours to make. We do not accept any liability for loss, injury or damage that may result from its use.