herbuno

IEC: ABCFG5010F · GSTIN: 09ABCFG5010F1ZU

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Safety Data Sheet

Ginger Liquid Extract, Water-Soluble

Document no. GGLEPL/QAD/SDS/HU-WAT-24342/01	**Issue** 01 · 08-11-2026	**Revision** 01

1. Identification

Product identifier	Ginger Liquid Extract, Water-Soluble
Botanical source	*Zingiber officinale Roscoe, root*
INCI name	Zingiber Officinale (Ginger) Root Extract; Aqua; Sodium Benzoate
CAS number	No CAS number is assigned to this extract
Product code	HU-WAT-24342 · bulk offer HB-BLK-006
Recommended use	Water-soluble botanical ingredient for beverage, food, food supplement and cosmetic formulation. Dilute before use.
Restrictions on use	Business-to-business supply only; not a finished consumer product and not for pharmaceutical, injectable or parenteral use.
Supplier	Gausyn Global LLP (brand: Herbuno), B-57, Ground Floor, Sector 64, Noida 201301, Uttar Pradesh, India · +91 863-869-2590 · hello@herbuno.com
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2. Hazard identification

Classification	Not classified as hazardous under the UN GHS, US OSHA HCS (29 CFR 1910.1200) or EU CLP (Regulation (EC) No 1272/2008).
Label elements	Signal word: none · Pictograms: none · Hazard statements: none · Precautionary statements: none
Other hazards	Aqueous liquid: not combustible, not a dust, no appreciable vapour at ambient temperature. A spill is a slip hazard. Mildly acidic (pH 3.0–6.0).

3. Composition / information on ingredients

Water (Aqua), CAS 7732-18-5	Balance (extraction solvent and carrier)
Ginger root extract	Dry residue NMT 5%
Sodium benzoate, CAS 532-32-1	Up to 0.5% (preservative)
Hazardous ingredients	None present above the concentration limits that contribute to classification

4. First-aid measures

Inhalation	Move to fresh air if mist causes irritation.
Skin contact	Wash with water. Not expected to irritate.
Eye contact	Rinse cautiously with water for several minutes; remove contact lenses if easy to do. Seek medical advice if irritation persists.
Ingestion	Rinse mouth and drink water. Seek medical advice if discomfort occurs.
Symptoms	None expected. Transient eye irritation on direct splash.

5. Fire-fighting measures

Suitable media	Any medium suitable for the surrounding fire
Specific hazards	None. The product is aqueous and does not sustain combustion.

6. Accidental release measures

Personal precautions	A spill is a slip hazard. Wear eye protection and gloves.
Environmental precautions	Do not discharge large volumes to a watercourse.
Clean-up	Absorb or mop up and flush the area with water. Do not return recovered material to the container.

7. Handling and storage

Safe handling	Handle under food-grade hygiene with clean, closed transfer equipment; reseal after each withdrawal. Dilute before use.
Storage	Original sealed container in a cool, dark place, protected from light and heat. Protect from freezing.
Incompatible materials	Strong oxidising agents; strongly alkaline conditions, which reduce benzoate preservation
Shelf life	24 months from manufacture in the unopened original package

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8. Exposure controls / personal protection

Exposure limits	No substance-specific occupational exposure limit applies to normal handling.
Engineering controls	General ventilation
Personal protection	Safety glasses and gloves, with food-grade hygiene clothing. No respiratory protection required.

9. Physical and chemical properties

Physical state / appearance	Liquid; pale yellowish to yellow, clear
Odour	Characteristic of ginger
pH (1% w/w)	3.0–6.0
Specific gravity at 20 °C	1.010–1.150 g/mL
Dry residue at 180 °C	NMT 5%
Solubility	Miscible with water; soluble in propylene glycol and 50% alcohol
Flash point	Not applicable (aqueous)
Flammability	Non-combustible
Vapour pressure	As for water

10. Stability and reactivity

Stability	Stable under the recommended storage conditions. Hazardous polymerisation does not occur.
Conditions to avoid	Freezing, heat, light, unhygienic transfer
Hazardous decomposition	None under the recommended storage conditions

11. Toxicological information

Acute toxicity	No product-specific data. Expected to be very low; ginger root is a widely consumed food and the product is largely water. Not classified.
Irritation and sensitisation	Not classified. Allergic reaction is possible in individuals sensitised to ginger or benzoates.
Other endpoints	No data on mutagenicity, carcinogenicity or reproductive toxicity; no classification proposed.

12. Ecological information

Ecotoxicity and fate	No test data. A dilute aqueous botanical extract; the organic load is readily biodegradable and not expected to bioaccumulate.

13. Disposal considerations

Product	Dispose of as non-hazardous aqueous waste in accordance with local regulations.
Packaging	Rinse and recycle or dispose of in accordance with local regulations.

14. Transport information

UN number / class	Not regulated as dangerous goods (UN Model Regulations, ADR, IMDG, IATA, US DOT)
Packing group	Not applicable
Marine pollutant	No
Special precautions	Keep upright and closed. Protect from freezing.
HS code	1302.19

15. Regulatory information

Classification status	Not classified as hazardous under US OSHA HCS, EU CLP or the UN GHS.
Preservative	Sodium benzoate is subject to maximum levels by food category and in cosmetics; carry the 0.5% figure into finished-product calculations and declare it.
Intended application	The buyer is responsible for confirming regulatory status in the destination market for the intended application.

16. Other information

Basis	Prepared in the 16-section format of the UN GHS. Physical data are taken from the product specification and current lot certificate of analysis.
Abbreviations	GHS: Globally Harmonized System · HCS: Hazard Communication Standard · CLP: Classification, Labelling and Packaging

The information in this Safety Data Sheet is based on our present knowledge and is given in good faith. It describes the product with regard to safety requirements and does not constitute a warranty of specific properties. The user is responsible for observing applicable laws and for assessing suitability for the intended application.

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