

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006
EL/01 SDS Version 3 Revision Date 31/Jan/2025

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name: FRESH ELDERFLOWER STRONG INFUSION AQUEOUS
Product Code: EL/01
Index Number: N/A

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

Identified uses: Use as a food ingredient in manufacturing.
Uses advised against: None

1.3 Details of the supplier of the safety data sheet

Company: Ransom Naturals Limited
Address: 53 Bury Mead Road, Hitchin, Herts, SG5 1RT, United Kingdom.

Email contact: Quality@ransomnaturals.com
Telephone / Fax Number: 0044 (0)1462 437615 / No Fax

1.4 Emergency Telephone Number

Emergency Telephone Number: +44 (0)1462 437615 (office hours)
+44 (0)7917 863807 (24hr QA Duty Officer)

1.5 Other Information

Please note that this material is not classified as hazardous, and does not contain constituents which require the material to be supplied with a safety data sheet. This is produced as a voluntary safety data sheet for information.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not classified as Hazardous

Primary Effects

Physicochemical: None applicable.
Human Health: None applicable.
Environmental: None applicable.

2.1 Label elements

Pictogram: None required

Signal Word: None required

Hazard Statement(s): None required

Precautionary Statement(s): None required

2.2 Other hazards

This mixture is not classifiable as PBT or vPvB in accordance with Annex XIII of

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Regulation (EC) No. 1907/2006 based on an assessment of the constituent ingredients.

SECTION 3: Composition/information on ingredients

General compositional description

An aqueous extract produced from Elderflowers (*Sambucus nigra* L.), containing approximately 0.2%w/w potassium sorbate (CAS 24634-61-5), 0.1%w/w sodium metabisulfite (CAS 7681-57-4), and 0.5%w/w citric acid monohydrate (CAS 5949-29-1)..

Hazardous components according to Regulation (EC) No. 1272/2008

Component <i>Name and identifiers</i>	Classification	Concentration, %w/w
Potassium sorbate EC No. 246-376-1	Eye Irrit. 2 – H319	Max. 0.22
Sodium metabisulfite EC No. 231-673-0	Acute Tox. 4 – H302, Eye Dam. 1 – H318 EUH031	Max 0.1
Citric acid monohydrate EC No. 611-842-9	Eye Irrit. 2 – H319	Max. 0.5

For the full text of H-Statements see Section 16

Section 4: First Aid Measures

4.1 Description of first aid measures

General Advice

Although this material is not classified as hazardous follow good hygiene practices in use.

If inhaled

Remove to fresh air, keep warm and at rest. If breathing is difficult give oxygen and seek medical advice.

In case of skin contact

Remove contaminated clothing; this should not be worn again until it has been laundered. Wash affected skin thoroughly with soap and water.

In case of eye contact

Remove contact lenses where possible. Irrigate eye(s) with water or eyewash solution for at least five minutes. If discomfort persists seek medical advice.

If swallowed

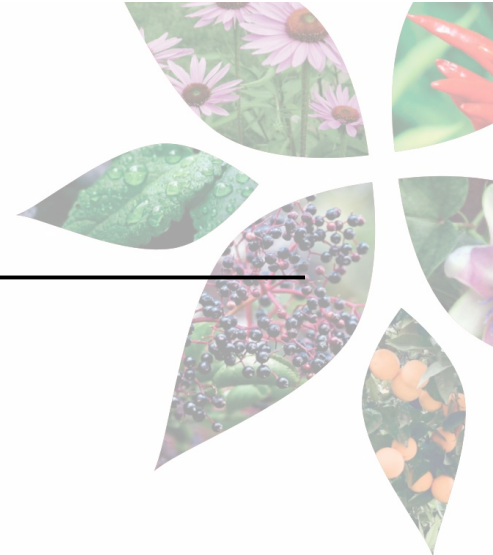
Not hazardous by ingestion unless the patient has a sensitivity to sulphites.

4.2 Most important symptoms and effects, both acute and delayed

This product contains sulphites, which are a known food sensitiser/allergen. Seek medical advice if a significant quantity is ingested by a sensitive individual.

4.3 Indication of any immediate medical attention and special treatment needed

None applicable.



SECTION 5: Firefighting Measures

5.1 Extinguishing media

Suitable extinguishing media

Non-flammable.

Unsuitable extinguishing media

N/A.

5.2 Special hazards arising from the substance or mixture

When heated to decomposition may produce irritating fumes.

5.3 Advice for firefighters

No specific information; use normal personal protective equipment.

5.4 Further information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

Wear gloves and overalls.

6.2 Environmental precautions

None.

6.3 Methods and material for containment and cleaning up

Mop up or absorb on a proprietary absorbent, transfer to a suitable container and dispose of as non-hazardous waste. Wash contaminated area.

6.4 Reference to other sections

For personal protective equipment required see Section 8; for disposal information see Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Wear gloves and overalls

7.2 Conditions for safe storage, including any incompatibilities

Store in well-filled, tightly closed containers.

7.3 Specific end use(s)

No specific guidance relevant.

SECTION 8: Exposure controls/personal protection

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8.1 Control parameters

Components with Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

None required.

Individual protection measures, including personal protective equipment

Eye/face protection

Wear safety glasses if splashing is possible.

Skin protection

Hand protection

Wear gloves if hand contact is likely.

Other body protection

None required

Respiratory protection

None required in normal use.

Environmental exposure controls

None applicable.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a)	Physical State	Liquid
b)	Colour	Pale yellow.
c)	Odour	Characteristic odour.
	Odour threshold	No test data.
d)	Melting/freezing point	No test data.
e)	Initial boiling point and boiling range	100°C
f)	Flammability	Non-flammable liquid
g)	Lower and upper explosion limits	N/A
h)	Flash point	N/A
i)	Auto-ignition temperature	N/A
j)	Decomposition temperature	No test data.

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k)	pH	Typically 3.8 – 4.2
l)	Kinematic viscosity	No test data - Mobile liquid.
m)	Solubility in	Water
n)	Partition coefficient: n-octanol/water	N/A
o)	Vapour pressure	No test data.
p)	Density and/or Relative Density	Approx. 1.00 at 20°C
q)	Relative Vapour Density	N/A.

9.2 Other information

None applicable.

SECTION 10: Stability and reactivity

10.1 Reactivity

No known specific reactivity hazards.

10.2 Chemical Stability

Stable under all expected conditions of storage and handling.

10.3 Possibility of hazardous reactions

None relevant.

10.4 Conditions to avoid

None applicable.

10.5 Incompatible materials

None applicable.

10.6 Hazardous decomposition products

None 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 on the hazardous constituents identified in Section 3, the classification criteria are not met.

Skin corrosion/irritation

Based on available data on the hazardous constituents identified in Section 3, the classification criteria are not met.

Serious eye damage/Irritation

Based on available data on the hazardous constituents identified in Section 3, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data on the hazardous constituents identified in Section 3, the classification criteria are not met. However, as a natural extract skin sensitisation

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reactions are possible.

Germ cell mutagenicity

Based on available data on the hazardous constituents identified in Section 3, the classification criteria are not met.

Carcinogenicity

Based on available data on the hazardous constituents identified in Section 3, the classification criteria are not met.

Reproductive toxicity

Based on available data on the hazardous constituents identified in Section 3, the classification criteria are not met.

STOT-single exposure

Based on available data on the hazardous constituents identified in Section 3, the classification criteria are not met.

STOT-repeated exposure

Based on available data on the hazardous constituents identified in Section 3, the classification criteria are not met.

Aspiration hazard

Based on available data on the hazardous constituents identified in Section 3, the classification criteria are not met.

11.2 Information on other hazards

Endocrine disrupting properties

No constituents are reported to have endocrine disrupting properties.

Additional information

None applicable.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish	No data available for product. No constituents are classified with respect to toxicity to fish.
Toxicity to Daphnia and other aquatic invertebrates	No data available for product. No constituents are classified with respect to toxicity to aquatic invertebrates.
Toxicity to algae	No data available for product. No constituents are classified with respect to toxicity to algae.

12.2 Persistence and degradability

Based on available data on the hazardous constituents identified in Section 3, the product is expected to readily biodegrade.

12.3 Bioaccumulative potential

Based on available data on the hazardous constituents identified in Section 3, the product is unlikely to bioaccumulate.



12.4 Mobility in soil

Expected to be mobile in soil.

12.5 Results of PBT and vPvB assessment

The mixture contains no constituents which are classified as PBT or vPvB.

12.6 Endocrine disrupting properties

No constituents are reported to have endocrine disrupting properties.

12.7 Other adverse affects

No information.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Dispose of product as non-hazardous waste through a suitable licenced waste disposal contractor.

Contaminated packaging

Rinse containers and send for recycling.

SECTION 14: Transport Information

Classified as non-hazardous for all modes of transportation

SECTION 15: Regulatory information

This safety data sheet has been compiled in accordance with the requirements of Regulation (EC) No. 1907/2006.

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

None applicable.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this product.

SECTION 16: Other information

Changes made in this update to the safety data sheet

Update of the Safety Data Sheet in line with the requirements of Regulation (EC) No. 1907/2006. All changes are marked

References used in compilation of this safety data sheet

Regulation (EC) No. 1907/2006 on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

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Regulation (EC) No. 1272/2008 on the Classification, labelling and packaging of substances and mixtures (CLP Regulation).
European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR) 2022 Edition
International Maritime Dangerous Goods Code 2022 Edition
IATA Dangerous Goods Regulations 64th Edition 2023
Martindale 35th edition, page 1498 (Sodium metabisulfite), 1498 (Potassium sorbate), and 2160 (Elderflower).
Potter's New Cyclopaedia of Botanical Drugs and Preparations 1988, Page 106 (Elder).
C&L Inventory online, ECHA Website, European Chemicals Agency, <http://echa.europa.eu/>.

Methods of evaluation used for classification of this mixture under Article 9 of Regulation (EC) No. 1272/2008

This safety data sheet has been produced using expert judgement based on the classification of constituents of this product as allowed under Article 9.

Full text of H-statements referred to under other Sections

H302 – Harmful if swallowed.

H318 – Causes serious eye damage.

H319 – Causes serious eye irritation.

EUH031 – Contact with acids liberates toxic gas.

Training recommended to be carried out prior to use of this material

All staff handling this material must be suitably trained in the safe use of chemicals in the relevant industry/workplace.

The information contained herein is, to the best of our knowledge, true and accurate. Any recommendations or suggestions are made without obligation on our part and the Company can accept no liability to any customer, their employees or any other person whatsoever for any loss, injury or damage whether direct or consequential, which may be caused by an error or omission from this sheet if negligent or otherwise.