

Safety Data Sheet

Aevum Vita 300

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

1.1 Product Identifier

Product Name: Aevum Vita 300
Substance / Mixture: Mixture

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

Identified Uses: Preservative for cosmetic and personal care products

1.3 Details of the supplier of the safety data sheet

Company: Isca UK Ltd
Address: Unit 29, Nine Mile Point Industrial Estate, Crosskeys,
Newport, NP11 7HZ, United Kingdom
Telephone: +44 (0) 1495 200747
Fax: +44 (0) 1495 200757
E-mail: technical@iscauk.com

1.4 Emergency telephone number

Emergency Phone: +44 (0) 1495 200747

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Skin Corr. 1B H314 Causes severe skin burns and eye damage.
Eye Damage 1 H318 Causes serious eye damage.

2.2 Label Elements

Hazard pictograms



Signal word

Hazard statements

Danger

H314 Causes severe skin burns and eye damage.

Precautionary statements

P264

Wash hands thoroughly after handling.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+P361+P353

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310

Immediately call a doctor.

2.3 Other Hazards

None.

SECTION 3: Composition / information on ingredients

3.2 Mixtures

Aqueous mixture of fruit acids.

Component name (CAS)	%	Classification Regulation (EC) No. 1272/2008 [CLP]	Type
Lactic Acid (50-21-5)	40.5	Skin irrit. 2, H315 Eye dam. 1, H318	[1]
Citric Acid (77-92-9)	5	Eye irrit. 2, H319	[1]
Tartaric Acid (87-69-4)	2	Eye dam. 1, H318	[1]
3-phenylpropan-1-ol (122-97-4)	10	Skin Corr. 1B, H314	[1]
Gluconic Acid (526-95-4)	1	Not classified See section 16 for full text of the H-phrases	[1]

Type: [1] Constituent, [2] Impurity, [3] Stabilizing additive

REACH Registration Numbers:

SUBSTANCE	CAS NUMBER	REGISTRATION / PRE-REGISTRATION
Lactic Acid	50-21-5	01-2119548400-48-XXXX
3-phenylpropan-1-ol	122-97-4	01-2120105028-70-XXXX
Citric Acid	77-92-9	01-2119457026-42-XXXX
Tartaric Acid	87-69-4	01-2119537204-47-XXXX
Gluconic Acid	526-95-4	01-2119454394-36-XXXX

SECTION 4: First Aid Measures

4.1 Description of first aid measures

If inhaled

Move person into fresh air. If not breathing give artificial respiration. If any symptoms persist obtain medical advice.

In case of skin contact

Wash off immediately with plenty of soap and water. If any symptoms persist obtain medical advice.

In case of eye contact

Flush eyes with plenty of water for at least 15 minutes. Consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

Treat according to symptoms.

SECTION 5: Fire fighting measures

5.1 Extinguishing Media

Suitable extinguishing media: water spray, dry powder, foam, or CO₂.

5.2 Special hazards arising from the substance or mixture

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3 Advice for fire fighters

Wear self-contained breathing apparatus for fire fighting if necessary.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Wear personal protective clothing as described in Section 8.

6.2 Environmental precautions

Collect and dispose of spillage as indicated in section 13. Do not let the product enter drains. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. Wash thoroughly after dealing with a spillage.

6.4 Reference to other sections

Suitable personal protective clothing is described in Section 8. Information regarding disposal can be found in Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin, eyes and clothing. Keep container tightly sealed. Provide appropriate exhaust ventilation in places where fumes are formed. Prevent formation of aerosols. Do not eat, drink or smoke in work areas. Remove contaminated clothing and protective equipment before entering eating/clean areas.

7.2 Conditions for safe storage, including any incompatibilities

Store in sealed containers in a cool, dry, well-ventilated area. Store at temperatures above 5°C.

7.3 Specific end uses

Preservative for use in cosmetic and personal care products.

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Occupation exposure limits

No exposure limit value known.

8.2 Exposure controls

Occupational exposure controls

Provide appropriate exhaust ventilation at machinery and at places where fumes can be generated.

Protective and hygiene measures

Do not breathe vapour. When using, do not eat, drink or smoke.
Remove and wash contaminated clothing before re-use.
Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing.

Personal protective equipment

Eye / face protection

Use safety glasses with side shields (frame goggles) tested and approved under appropriate government standards such as EN 166 (EU) or NIOSH (US).

Skin protection

Handle with gloves. Suitable chemical resistant gloves should be used. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection

Wear appropriate protective clothing to prevent skin exposure.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

These values are provided as typical values, and should not be considered an absolute specification.

Physical state:	liquid
Colour:	colourless to light yellow
Odour:	acidic
Odour threshold:	not determined
pH value:	~2.0 - 3.0
Melting point / freezing point:	~0°C
Initial boiling point and boiling range:	~100°C
Flash point:	not applicable
Evaporation rate:	not determined
Flammability (solid, gas):	not flammable
Upper / lower flammability or exposure limits:	not applicable
Vapour pressure:	not determined
Vapour density:	not determined
Relative density:	1.16 g/cm ³
Solubility:	Completely soluble in water
Partition coefficient; n-octanol/water:	not determined
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
Viscosity:	< 100 mPas at 20°C
Explosive properties:	not determined
Oxidising properties:	not determined

9.2 Other information

No specific data.

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and used as directed.

10.2 Chemical stability

The product is stable if stored and handled as indicated.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

Bases, oxidising agents, reducing agents, alkali metals.

10.6 Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available.

Skin corrosion / irritation

No data available.

Respiratory or skin sensitisation

No sensitising effects known.

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No data available

Specific target organ toxicity – single exposure

No data available

Specific target organ toxicity – repeated exposure

No data available

Aspiration hazard

No data available

Other information

No data available

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

The product is soluble in water.

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required / not conducted.

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product disposal

Disposal must be made according to official regulations. Offer surplus and non-recyclable material to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.




Packaging

Contaminated packaging that cannot be cleaned should be disposed of in the same manner as the contents.

Other information

Do not let the product enter drains.

SECTION 14: Transport Information

	ADR/RID	IMDG	IATA
14.1 UN number	UN 3265	UN 3265	UN 3265
14.2 UN proper shipping name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Contains 3-phenylpropan-1-ol)	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Contains 3-phenylpropan-1-ol)	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Contains 3-phenylpropan-1-ol)
14.3 Transport hazard class(es)	8 	8 	8 
14.4 Packing group	II	II	II
14.5 Environmental Hazards	No	Marine Pollutant: No	No

14.6 Special precautions for user

No further relevant information available.

SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

No data available

15.2 Chemical safety assessment

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

SECTION 16: Additional information

The above information is believed to be correct but does not purport to be all inclusive, and shall be used only as a guide. ISCA UK Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.

Full text of abbreviated H-statements:	H314	Causes severe burns and eye damage.
	H315	Causes skin irritation.
	H318	Causes serious eye damage.
	H319	Causes serious eye irritation.

Revision history:

V1.0	25-06-2019	SDS created.
V1.1	28-11-2019	Classification of phenylpropanol and gluconic acid changed in Section 3.
V2.1	23-March-2020	Section 2: reclassification from H314 to H315/H318.
V2.2	01-May-2020	Section 2: reclassified to H314, updated Section 14 accordingly