

Safety Data Sheet

Aevum Vita 406

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

1.1 Product Identifier

Product Name: Aevum Vita 406
Substance / Mixture: Mixture

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

Identified Uses: Anionic surfactant 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 Sens. 1B H317 May cause an allergic skin reaction.

The Full Text for all Hazard Statements are Displayed in Section 16.

2.2 Label Elements

Hazard pictograms



Signal word

Warning

Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

Avoid breathing fumes/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: get medical advice/attention. Wash contaminated clothing before reuse.

2.3 Other Hazards

None.

SECTION 3: Composition / information on ingredients

3.2 Mixtures

| Component name (CAS) | % | Classification according to Regulation (EC) No.1272/2008 [CLP] | Type |
|---|---------|---|------|
| Fatty acids, C10-12, esters with polylactic acid, sodium salts (1312021-45-6) | 25 - 50 | Skin Sens. 1, H317 See section 16 for full text of the H-phrases | [1] |

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

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 soap and water. Rinse thoroughly.

In case of eye contact

Flush eyes with plenty of water for at least 15 minutes. If symptoms persist, consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. If any symptoms persist obtain medical advice.

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: Fire fighting measures

5.1 Extinguishing Media

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

Unsuitable extinguishing media: full water jet (may release chemical into environment and spread the fire).

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

No special measures required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapour or mist. Provide adequate ventilation. Put on appropriate personal protective equipment (see Section 8).

6.2 Environmental precautions

Dilute with plenty of water. Do not allow to enter sewers / surface ground water.

6.3 Methods and material for containment and cleaning up

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

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

Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not breathe vapour or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination..

7.3 Specific end uses

Anionic surfactant 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

Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Protective and hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protective equipment

Eye / face protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. Recommended: Safety glasses.

Skin protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommended: Wear protective clothing.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. After contamination with product change the gloves

immediately and dispose of them according to relevant national and local regulations Recommended: (< 1 hour) Butyl rubber - IIR, Fluorinated rubber - FKM, Polyvinyl chloride – PVC.

Body protection

Wear appropriate protective clothing to prevent skin exposure.

Respiratory protection

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Recommended: Combination filter, e.g. DIN 3181 ABEK if product forms vapours

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

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 yellow |
| Odour: | Characteristic |
| Odour threshold: | not determined |
| pH value: | 7.5 |
| Melting point / freezing point: | not determined |
| Initial boiling point and boiling range: | not determined |
| Flash point: | > 150°C |
| Evaporation rate: | not determined |
| Flammability (solid, gas): | not determined |
| Upper / lower flammability or exposure limits: | not determined |
| Vapour pressure: | 23 hPa at 20°C |
| Vapour density: | not determined |
| Relative density: | 1.03 gcm ⁻³ |
| Solubility: | not determined |
| Partition coefficient; n-octanol/water: | not determined |
| Auto-ignition temperature: | not determined |
| Decomposition temperature: | not determined |
| Viscosity: | not determined |
| 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 applied as directed. No specific reactivity hazards associated with this product.

10.2 Chemical stability

The product is stable if stored and handled as indicated.

10.3 Possibility of hazardous reactions

No hazardous 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

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 further relevant information available.

Skin corrosion / irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

No further relevant information 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 further relevant information available.

Specific target organ toxicity – single exposure

No further relevant information available.

Specific target organ toxicity – repeated exposure

No further relevant information available.

Aspiration hazard

No further relevant information available.

Other information

No further relevant information available.

SECTION 12: Ecological information

12.1 Toxicity

No further relevant information available.

12.2 Persistence and degradability

The product is readily biodegradable.

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

Not Classified as PBT/vPvB by current EU criteria.

12.6 Other adverse effects

Water hazard class 1 (German regulation): slightly hazardous for water.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product disposal

Examine possibilities for re-utilisation. Product residues and uncleaned empty containers should be packaged, sealed, labelled, and disposed of or recycled according to relevant national and local regulations. Where large quantities are concerned, consult the supplier. When uncleaned empty containers are passed on, the recipient must be warned of any possible hazard that may be caused by residues. For disposal within the EC, the appropriate code according to the European Waste List (EWL) should be used. It is among the tasks of the polluter to assign the waste to waste codes specific to industrial sectors and processes according to the European Waste List (EWL).

The classification of the product may meet the criteria for a hazardous waste.

Packaging

The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Other information

Do not let the product enter drains.

SECTION 14: Transport Information

| | ADR/RID | IMDG | IATA |
|--|---------------------|---------------------|---------------------|
| 14.1 UN number | - | - | - |
| 14.2 UN proper shipping name | Not dangerous goods | Not dangerous goods | Not dangerous goods |
| 14.3 Transport hazard class(es) | - | - | - |
| 14.4 Packing group | - | - | - |
| 14.5 Environmental Hazards | - | - | - |

14.6 Special precautions for user

No further relevant information available.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code"

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

National regulatory information

Employment restrictions:

Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

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: H317 May cause an allergic skin reaction.

Revision history:

| | | |
|------|------------|--|
| V1.0 | 04-06-2019 | CLP compliant SDS created. |
| V2.0 | 16-02-2021 | Section 2 amended to remove H319 classification to align with REACH registration dossiers. |
| V2.1 | 18-03-2021 | Updated Section 3.2, chemical name to match REACH dossier. |