

Code: 20562
INCI Name: Vegetable Protein Keratinoligase
INCI Status: Applied
CAS #: 100209-45-8
EINECS #: 309-353-8
China NMPA #: N/A

Below is a list of processing aids used, but not declared on the ingredient label:

INCI Name	CAS#	EINECS#	Percentage (%)	Function
Water	7732-18-5	231-791-2	90.90%	Solvent & Processing Aid
Glycerin	56-81-5	200-289-5	3.00%	Processing Aid
Leuconostoc/Radish Root Ferment Filtrate	1686112-10-6 (or) 84775-94-0 (or) 9015-54-7	N/A (or) 283-918-6 (or) 295-635-5	2.00%	Natural Antimicrobial

The following information on regulatory clearances is believed to be accurate and is given in good faith as a guide to a global use of our ingredients in cosmetic applications. No representation or warranty as to its competences or accuracy is made. Information is offered for use in general cosmetic applications and may vary in particular applications. Users are responsible for determining the suitability of these products for their own particular use. All regulatory decisions should be made on the advice of your regulatory group or legal counsel.

Country / Regulatory Body	Status of Product
EU (CosIng)	Contact Us
USA (TSCA)	Compliant
Australia (AICS)	Compliant
Japan (METI)	Compliant
Canada (DSL)	Compliant
China (IECIC)	Contact Us
Brazil (ANVISA)	Compliant
Korea (KECI)	Contact Us
Philippines (PICCS)	Compliant
Mexico (COFEPRIS)	Compliant

AC Curezyme

Code: 20562

Attention must be paid to the use of AC Curezyme in the equivalent of OTC formulations (eg. quasi-drugs in Japan, or therapeutic goods in Australia). Some countries maintain restricted inventories of raw materials that can be used in those applications so more detailed guidance may be required.

AC Curezyme and its components and impurities are in compliance with the rules governing cosmetic products in the European Union (Directive 76/768/ECC & Regulation No. 1223/2009). The recommended use levels for AC Curezyme is 2.00 – 5.00%.

The Nagoya Protocol provides a scheme for the fair and equitable sharing of benefits derived from Genetic Resources. Information regarding the Nagoya Protocol and Access and Benefit Sharing (ABS) is available at <https://www.cbd.int/abs/>. The agreement focusses on wild taxa and excludes most commercially cultivated crops. For the signatories to the agreement, responsibility for Benefit Sharing falls on the entity exporting or extracting the resource from the signatory country. Active Concepts audits its suppliers to conform compliance with the Nagoya Protocol where applicable.

AC Curezyme is considered a non-hazardous material. All significant toxicological routes of absorption have been considered as well as the systemic effects and margin of safety (MoS) based on a no observed adverse effects level (NOAEL). Due to the restriction placed on animal testing of cosmetic raw materials, and Active Concepts, LLC's internal non-animal testing policy, this product was not tested for NOAEL.

AC Curezyme was tested using *in vitro* dermal and ocular irritation models. This product was found to be non-irritating in both models.

To our knowledge the above material is free of CMR (*) substances, as defined according to Regulation (EC) No 1272/2008 and Cosmetic Regulation (EC) No 1223/2009 as amended. Products supported for Personal Care applications will not be classified as CMR (*), as defined by (EC) 1272/2008 on the Classification, Labelling and Packaging of Substances and Mixtures, unless supported by a positive SCCS opinion.

(*) Carcinogenic, Mutagenic, toxic for Reproduction

Active Concepts, LLC certifies that AC Curezyme is produced in compliance with the programs/regulations set by the following agencies in the State of California:

- California Proposition 65
- California Safe Cosmetics Act (SB 484)

As of September 22, 2026, AC Curezyme does not contain any substances present on the so called "Candidate List" of Substances of Very High Concern (SVHC) provided by the European Chemicals Agency (ECHA). We further certify that this material has not been manufactured using any of the species listed in the CITES Appendices as of September 22, 2026.

AC Curezyme is not standardized for EDTA, so we do not test every lot for it. However, based on information provided by our supplier, Active Concepts LLC certifies that the Transglutaminase solution used to manufacture this ingredient contains a maximum of 300 ppm EDTA.

Therefore, AC Curezyme will contain at maximum 30 ppm EDTA with results expected as 0 ppm. This information has been provided in good faith based on our supplier's information. However, Active Concepts, LLC does not presently test for traces of this impurity. Therefore, it is not a pass/fail qualification listed on the current specification.

Active Concepts, LLC certifies that the above listed ingredient contains < 20 ppm gluten and therefore meets the FDA's definition of gluten free as defined in 21 CFR §101.91(a)(3).

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AC Curezyme is REACH Compliant and the following ingredients are not intentionally added or produced, so we do not expect trace amounts to be present:

- Butylphenyl methylpropional (Lilial)
- Formaldehyde or formaldehyde donors
- Glycol ethers
- Lactose
- Microplastics
- Nanoparticles
- Nitrosamines
- Palm oil/palm kernel oil (or derivatives)
- Parabens
- Paraffin/petroleum products
- Per- and polyfluoroalkyl substances (PFAS)
- Phthalates
- Polyethylene glycol (PEG)
- Residual solvents
- Sulfates
- Volatile organic compounds