

Code: 20375MSX
INCI Name: Hydroxypropyltrimonium Hydrolyzed Rice Protein/Siloxysilicate & Oryza Sativa (Rice) Extract
INCI Status: Conforms
CAS #: 56275-01-5 & 68553-81-1
EINECS #: N/A & 271-397-8
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
Leuconostoc/Radish Root Ferment Filtrate	1686112-10-6 (or) 84775-94-0	N/A (or) 283-918-6	1.00%	Natural Antimicrobial
Populus Tremuloides Bark Extract	90083-05-9	290-199-2	1.00%	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)	Compliant at Suggested Use Levels <u>Restrictions:</u> Not to be used in preparations for children under 3 years of age – See page 3 for details
USA (TSCA)	Compliant
Australia (AICS)	Compliant
Japan (METI)	Compliant at Suggested Use Levels
Canada (DSL)	Compliant
China (IECIC)	Contact Us
Brazil (ANVISA)	Compliant at Suggested Use Levels <u>Restrictions:</u> Not to be used in preparations for children under 3 years of age, except for shampoos
Korea (KECI)	Compliant at Suggested Use Levels <u>Restrictions:</u> Not to be used in preparations for children under 3 years of age, except for shampoos
Philippines (PICCS)	Contact Us
Mexico (COFEPRIS)	Compliant at Suggested Use Levels <u>Restrictions:</u> Not to be used in preparations for children under 3 years of age, except for shampoos
New Zealand (NZIoC)	Compliant

AC Split End Complex MSX Code: 20375MSX

Attention must be paid to the use of AC Split End Complex MSX 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 Split End Complex MSX 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 Split End Complex MSX is 1.00 – 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 Split End Complex MSX 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 Split End Complex MSX was tested using *in vitro* dermal and ocular irritation models. This product was found to be non-irritating in both models.

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. As discussed, AC Split End Complex MSX contains natural phenolics which will test positive for salicylic acid. Salicylic acid (2-hydroxybenzoic acid) has been classified as a CMR substance of category 2, but it fulfills conditions laid down in Article 15(1) of Regulation (EC) No 1223/2009 and can therefore be used in cosmetic products according to the restrictions listed herein.

(*) Carcinogenic, Mutagenic, toxic for Reproduction

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

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

Active Concepts, LLC certifies that AC Split End Complex MSX does not contain any materials prohibited by Halal laws.

As of August 20, 2026, AC Split End Complex MSX 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 August 20, 2026.

AC Split End Complex MSX

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

- 1,4-Dioxane
- Butylphenyl methylpropional (Lilial)
- Benzene
- Conflict minerals
- Ethylene oxide (EO)
- Formaldehyde or formaldehyde donors
- Glycol ethers
- Gluten
- Irradiation
- Lactose
- Nanoparticles
- Nitrosamines
- Palm oil/palm kernel oil (or derivatives)
- Parabens
- Paraffin/petroleum products
- Per- and polyfluoroalkyl substances (PFAS)
- Petrochemicals
- Phthalates
- Polyethylene glycol (PEG)
- Residual solvents
- Sulfates
- Volatile organic compounds

Raw Component Regulations

Please note that the below are global regulations for the raw materials used to manufacture AC Split End Complex MSX and are not for the product itself.

AC Split End Complex MSX is formulated with 1.00% Leuconostoc/Radish Root Ferment Filtrate, which contains 18.00 – 22.00% Phenolics and 1.00% Populus Tremuloides Bark Extract, which contains 54.00 – 60.00%. Therefore, AC Split End Complex MSX could test positive for 0.72 – 4.10% Salicylic Acid. See below for a list of regulations:

Salicylic Acid and salts:

- **Europe: Maximum Authorized Concentration up to 3.00% when used other than a preservative, depending on the application:**
 - a) **Annex III to Regulation (EC) No 1223/2009 entry 98**
 - 1. Rinse-off hair products: Up to 3.00%
 - 2. Other products except body lotion, eye shadow, mascara, eyeliner, lipstick, roll-on deodorant: Up to 2.00%
 - 3. In body lotion, eye shadow, mascara, eyeliner, lipstick and roll on deodorant applications: Safe up to 0.5% only as preservative – Exclusions apply to oral products (i.e. toothpaste, mouthwash) and sprayable products
 - *Limitations and requirements: Not to be used in preparations for children under 3 years of age. Not to be used in applications that may lead to exposure of the end-user's lungs by inhalation. Not to be used in oral products.* For purposes other than inhibiting the development of micro-organisms in the product. This purpose has to be apparent from the presentation of the product.
 - *Conditions of use and warnings which must be printed on the label: Not to be used for children under 3 years of age
 - b) **Annex V to Regulation (EC) No 1223/2009 entry 3**
 - 1. Up to 0.5% (acid) when used as a preservative
 - *Limitations and requirements: Not to be used in products for children under 3 years of age. Not to be used in oral products.* Not to be used in applications that may lead to exposure of the end-user's lungs by inhalation. Not to be used in products for children under 3 years of age, except for shampoos.
 - *Conditions of use and warnings which must be printed on the label: Not to be used for children under 3 years of age

[†]The CosIng exclusions for salicylic acid in oral care products references the Scientific Committee on Consumer Safety (SCCS) opinion. However, it is important to note that the definition of oral care products can vary and this category was initially excluded from the SCCS exposure assessment hence why salicylic acid is not recommended as per the above European regulations. However, page 4 of the current [SCCS recommendation](#) for salicylic acid, published in 2023, concludes that salicylic acid for purposes other than inhibiting the development of micro-organisms is safe for use up to 0.5% in body lotions, eye shadows, mascaras, eyeliners, lipsticks, oral products, and non-spray deodorants. The SCCS opinion for salicylic acid is not applicable to any sprayable product (including mouth spray) that may lead to exposure of end-user's lungs by inhalation.

We refer to the FDA definition and opinion on Lactic Acid Bacteria (LAB) to highlight that such products are often found in food and pharma applications so can be considered safe, however we do not promote these materials for ingestible products. Active Micro Technologies is not an FDA-registered facility, nor do we need to be. Our products, such as this, are intended for use in topical cosmetic and personal care applications only, and not for consumption. While salicylic acid is allowed in cosmetics in Europe, limitations on use concentration and product categories apply. Use in oral care applications such as leave-on lip products remain restricted due to the published risk. Please refer to the current SCCS publication and CosIng database for the most precise information regarding salicylic acid use in Europe. Our safety and use statements may be referenced for additional support.

- **USA: Salicylic Acid is safe when formulated to avoid irritation and to avoid increasing sun sensitivity, or when increased sun sensitivity would be expected, directions for use include the daily use of sun protection. (*Journal Citation: IJT 22(3):1-108)**
- **Japan: Maximum Authorized Concentration:**
 - *Salicylic Acid: 0.20 (per 100 grams) or *Salicylic Acid Salts: 1.00 as total (per 100 grams)

Regulatory (Continued)

- **Canada: Salicylic Acid permitted in concentrations of 2.00% or less**
- **China: Maximum Authorized Concentration of 0.50% (as acid)**
 - *Limitations and requirements: Not to be used in products for children under age 3, except for shampoo
 - *Warnings: Do not use for children under 3
- **Brazil: Maximum authorized concentration 0.50% (as acid):**
 - *Limitations: Not to be used in children's products under 3 years, except for shampoos
 - *Warnings: Not to be used for children under 3 years of age (1)
 - *Note (1): Solely for products which might be used for children under three years of age and which remain in prolonged contact with the skin
- **Korea: Maximum authorized concentration 0.50% (as acid):**
 - *Limitations: Not to be used in preparations for children under 3 years of age, except for shampoos
- **ASEAN: Maximum authorized concentration 0.50% (as acid):**
 - *Limitations: Not to be used in preparations for children under 3 years of age, except for shampoos
 - *Warnings: Not to be used for children under 3 years of age
 - *Note (1): Solely for products which might be used for children under three years of age and which remain in prolonged contact with the skin
- **Mexico: Maximum authorized concentration 0.50% (as acid):**
 - *Limitations: Not to be used in preparations for children under 3 years of age
- **Mercosur: Maximum authorized concentration 0.50% (as acid):**
 - *Limitations: Not to be used in preparations for children under 3 years of age, except for shampoos
 - *Warnings: Not to be used for children under 3 years of age
 - *Note (1): Solely for products which might be used for children under three years of age and which remain in prolonged contact with the skin