

Regulatory Information Sheet (RIS)

Product name: Et-VC™
Date: January, 2021
Version: 3
Manufacturer: CORUM Inc.

TABLE OF CONTENTS

01. <u>PRODUCT IDENTIFICATION</u>	3-4	03. <u>REGULATORY STATUS</u>	7-8
Product Name	3	Europe Cosmetic Legislation	7
INCI Name	3	Halal Certificate	7
Country of Origin	3	Kosher	7
Cosmetic Grade Ingredient	3	Non-Animal Origin/Vegan	7
Composition	3	Non-Animal Testing	8
ISO16128	3-4	NOAEL	8
02. <u>STATEMENTS ABOUT INGREDIENTS</u>	4-7	SVHC	8
Allergens/Fragrance Allergens	4	04. <u>EU REACH STATUS</u>	8
Antioxidants	4	05. <u>FAIRTRADE AND SUSTAINABILITY</u>	8-9
BSE/TSE	4		
Carbohydrates	4		
Denatured Alcohol	4		
Dialkanolamine Salts	4		
1,4-Dioxane	5		
Diethylene Glycol/Glycol Ethers	5		
Formaldehyde	5		
GMO	5		
Heavy Metal	5		
Hormones, Phthalates and Bisphenol	5		
Latex	5		
Microbial Content	6		
Nanoscale Materials	6		
Nitrates and Nitrites	6		
Non-Irradiation	6		
Paraben and Sulphates	6		
Paraffin	6		
Pesticide	6		
Plastic Microbeads	6		
PEG	7		
Residual Monomers	7		
Silicone	7		
Wheat and Gluten	7		

Product: Et-VC™

January 2021, Version 3

01. PRODUCT IDENTIFICATION**Product Name**

Et-VC™

INCI Name

PCPC 3-O-Ethyl Ascorbic Acid

IECIC list 3-O-乙基抗坏血酸

表示名称 3-O-エチルアスコルビン酸

한국 INCI명/성분명 에칠아스코빌에틸

Country of Origin

The undersigned CORUM Inc. at FL 6, No. 360, Ruei Guang Rd., Neihu District, Taipei, Taiwan declares that the above product is the product of Taiwan. The manufacturing site is at No.10, Cheng Kung 2nd St., Min-Hsiung Industrial Park, Chiayi, Taiwan.

Cosmetic Grade Ingredient

The above product with its assigned INCI name, is currently published in Cosmetic Ingredient Dictionary and Handbook by the Personal Care Products Council.

Composition

The above product complies the following component:

	Amount*	CAS No.
COMPONENT		
3-O-Ethyl Ascorbic Acid	A	86404-04-8

* FDA-code: (A = >50%, B=25-50%, C=10-25%, D=5-10%, E=1-5%, F=0.1-1%, G= <0.1%)

ISO16128

According to the ISO standard criteria and calculating rules, we provide the information on the degree of natural origin for the above product.

Product: Et-VC™

January 2021, Version 3

COMPONENT	Natural index	Natural origin index	Organic index	Organic origin index
Et-VC™	0	1	0	0

02. STATEMENTS ABOUT INGREDIENTS

Allergens/Fragrance Allergens

The above product is not expected to contain wood, paper, soy, nut, beef or any of their derivatives. When reviewed against the lists of US FDA and EU EFSA allergens, the above product is considered as allergen free. No allergen is intentionally added or introduced throughout the manufacturing processes. Based on the information provided by our raw material suppliers and to the best of our knowledge of our product chemistry, we confirm that the above product is not expected to contain any of the 26 allergens listed in Annex III of the EU Cosmetic Regulation (EC) No 1223/2009.

Antioxidants

The above product is not expected to contain any antioxidants such as butylated hydroxyanisole (BHA) and butylated hydroxytoluene (BHT) as they are not used in the manufacture.

BSE/TSE

The above product is free from the risk of all BSE and TSE. We hereby confirm that the raw materials of the above product are not expected to contain any animal or cell culture derived products or additives.

Carbohydrates

The above product is not expected to contain any carbohydrates such as sucrose, lactose, maltose, fructose, glucose and other chemical groupings belong to carbohydrates.

Denatured Alcohol

The above product is not expected to contain any detectable level of denatured alcohol.

Dialkanolamine Salts

The above product is not expected to contain dialkanolamine salts as it is not used in the manufacture.

Product: Et-VC™

January 2021, Version 3

1,4-Dioxane

The above product is not expected to contain any 1,4-dioxane and ethylene oxide. Neither 1,4-dioxane nor ethylene oxide related derivatives are used in the manufacturing process and we would not expect to find 1,4-dioxane and ethylene oxide present.

Diethylene Glycol/Glycol Ethers

The above product is not expected to contain diethylene glycol and any glycol ethers as they are not part of the manufacturing process nor are intentionally added.

Formaldehyde

The above product is not expected to contain formalin, free formaldehyde or chemicals containing formaldehyde donors. Formaldehyde-releasing preservatives and packaging materials are also not used in the manufacturing process of the above product, and so the release of formaldehyde during storage and use is not expected.

GMO (Genetically Modified Organisms)

None of the raw materials used in the production is from genetically modified origins. The above product is not produced using GMO.

Heavy Metal

The above product is expected to be free from heavy metals because heavy metals are neither part of the manufacturing nor intentionally added. Each batch is analyzed with detection limit of 20ppm. Furthermore, Arsenic (As), Lead (Pb), Mercury (Hg), Cadmium (Cd), Antimony (Sb), Barium (Ba), Chromium (Cr) and Selenium (Se) were not detected at the detection limit of 1 ppm in the above product.

Hormones, Phthalates and Bisphenol

The above product is not expected to contain hormones, phthalates and bisphenol as they are not used in the manufacture.

Latex

The above product is not expected to contain latex as it is not used in the manufacture.

Product: Et-VC™

January 2021, Version 3

Microbial Content

The total aerobic microbial count (TAMC) and the total yeast/mold count (TYMC) of the above product are both less than 100 cfu/g that meet the standard of total microbial count for general cosmetic raw material. The above product does not typically support microbial growth in its anhydrous form, provided that this material is not in contact with a stagnate pool of water.

Nanoscale Materials

The above product is nanoparticle free. None of the nanomaterials are used in the manufacturing process nor presented in the above product, in compliance with Article 16 of Cosmetic Regulation (EC) No. 1223/2009, Commission Recommendation 2011/696/EU, and The French decree No. 2012-232.

Nitrates and Nitrites

The above product is not expected to contain nitrates and nitrites as they are not used in the manufacture.

Non-Irradiation

The raw materials of the above product have not been radioactively contaminated, and the irradiation is not used in the manufacturing process.

Paraben and Sulphates

The above product is not expected to contain paraben and sulphates, as they are not used in the manufacture.

Paraffin

The above product is not expected to contain paraffin as it is not used in the manufacture.

Pesticide

The above product is not intended to add any pesticides including triclosan during the manufacturing process, and we do not expect to have any appreciable trace of pesticide.

Plastic Microbeads

The above product is not expected to contain any plastic microbeads. Plastic microbeads defined by restricted proposals of ECHA are not part of the raw materials, nor are intentionally added in the manufacturing process. Therefore, they are not expected to be present.

Product: Et-VC™

January 2021, Version 3

PEG (Polyethylene Glycol)

The above product is not expected to contain PEG as it is not part of the manufacturing process nor are intentionally added.

Residual Monomers

The above product is not expected to contain any residual monomers as they are not part of the manufacturing process nor are intentionally added.

Silicone

The above product is not expected to contain silicone as it is not used in the manufacture.

Wheat and Gluten

The above product is not expected to contain wheat or gluten that may cause sensitization by inhalation and skin contact.

03. REGULATORY STATUS**Europe Cosmetic Legislation**

The above product is tested for its safety profile and intended for use in the cosmetic products. The manufacturing process of the above product does not use any substances in the List of Substances Prohibited in Cosmetic Products, as specified in Annex 2 of Regulation (EC) No. 1223/2009 with its amendments listed in Commission Regulation (EU) 2019/831.

Halal Certificate

This product complies with the Halal standards and has been reviewed and approved by the Taiwan Halal Integrity Development Association (THIDA) for Halal certification.

Kosher

The above product is not expected to contain any animal, milk, or animal derived ingredients.

Non-Animal Origin/Vegan

All the materials involved in the above product contain no substances which are completely or partially of animal origin, nor involved the use of any animal product, by product or derivatives. We also declare that our process to produce the above product is vegan compliant. The word "animal" refers to the entire Animal Kingdom, that is all vertebrates and all multi-cellular invertebrates.

Product: Et-VC™

January 2021, Version 3

Non-Animal Testing

From individual ingredients to final formulation, we always try our best to use the most up-to-date, innovative, scientific, non-animal cosmetic testing evaluations to demonstrate safety. However, if animal testing is required by a regulatory body for safety evaluation, we will carefully assess and notify our customers immediately.

NOAEL (No Observed Adverse Effect Level)

We are committed to enforcing our No Animal Testing Policy, no data on NOAEL is available.

SVHC (Substances of Very High Concerns)

The above product is not expected to contain any substance classified as SVHC under REACH, Article 57 and not in the candidate List of SVHC published by ECHA according to REACH, Article 59(10).

04. EU REACH STATUS

The above product complies with EC Regulation No. 1907/2006 (REACH) and its latest adaptations. The following table shows registration status (REACH) of components in this product:

INCI	Status
3-O-Ethyl Ascorbic Acid	Registered

05. FAIRTRADE AND SUSTAINABILITY

The product has been developed following our CSR policy and green chemistry principles to minimize the environmental impact of the activities and manage resources sustainability and responsibility. The raw materials in our manufacturing process do not belong to the Brazilian Access to Genetic Resources and Associated Traditional Knowledge, according to the Biodiversity Law, 13, 123/2015, and are sourced in countries with Access and Benefit Sharing (ABS) regulations in place including the Nagoya Protocol and Convention on International Trade of Endangered Species (CITES) to promote fair sharing of benefits arising from the utilization of genetic resources.

Our core aims align closely with several of the UN SDGs, which provide us with a framework for assessing how we can align environmental and social outcomes more effectively, rather than looking at each issue on a standalone basis. On people, we have the code of conduct policy to

Product: Et-VC™

January 2021, Version 3

support gender equality, anti-discrimination, anti-child worker, anti-forced labor, workplace safety, freedom of association, the rights to collective bargaining, good health and well-being. On prosperity, we make targeted investments in infrastructure and energy projects, integrating SDGs at each stage to achieve positive and measurable social and environmental outcomes. On planet, we positively report to CDP climate change and EcoVadis agencies to manage risks and minimize the environmental impact, as well as to create maximum benefits for local communities.

We are certified with ISO 9001 (Quality), ISO 14001 (Environmental), and ISO 45001 (occupational health and safety) management systems, which enable us to efficiently control risks and improve our performance. We strive to continuously improve our corporate processes for optimal use of precious natural resources, to actively provide a working environment that encourages the workplace safety, health and well-being of our employees, and to create and support a sustainable, socially equitable economy.

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