HALLSTAR

COSMETIC INGREDIENT INFORMATION SHEET

I. PRODUCT INFORMATION

a. Identification

Trade Name: **OLIVEM® 1000**

INCI Name: Cetearyl Olivate (and) Sorbitan Olivate

b. Composition of the Ingredient for Cosmetic Product Labelling

INCI Name	CAS# assigned	%
Cetearyl Olivate	85116-80-9 / 91697-49-3 / 348616-34-2 / 2778-96-3 / 97404-33-6	50 – 70
Sorbitan Olivate	223706-40-9 / 92202-01-2 / 97358-61-7 / 97281-21-5 / 1338-43-8	30 – 50

Impurities/Additives

Antioxidants None
Preservatives None

c. Specification and Product Characteristics

Physical-chemical Properties: See Safety Data Sheet (SDS) and Technical Data Sheet (TDS)
Specifications: See TDS and Certificate of Analysis (COA)
Microbiological information: No microbial content expected based on a review of the raw materials and process.

II. REGULATORY INFORMATION

Animal Testing
This product has not been tested on animals by or on behalf of our Company according to Cosmetic Regulation (EC) N° 1223/2009.

BSE (Bovine Spongiform Encephalopathy)
TSE (Transmissible Spongiform Encephalopathies)
This product is manufactured using only plant derived raw materials. No materials derived from animals are incorporated as raw materials, processing aids or additives. Consequently, there is

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COSMETIC INGREDIENT INFORMATION SHEET

no risk of transmissible spongiform encephalopathies (TSE), such as bovine spongiform encephalopathy (BSE), associated with the handling or use of this product.

Certifications
See COSMOS, EcoCert, or Organic certificate for a current list of certified products.

The naturalness of the Ingredient, as it is supplied in its entirety, is reported in the table below, according to the ISO 16128 standard.
In the case of multiple components, the calculation approach for mixtures reported at page 1, part 2 of the norm is used; nevertheless, it refers to the Ingredient in whole.

Ingredient (commercial name)	% of Natural Origin	Natural index	Natural origin index	Organic index	Organic origin index
OLIVEM® 1000	100	0	1	0	0

CONEG – Toxics in Packaging Law
The regulated metals, lead, mercury, cadmium and hexavalent chromium, were not intentionally added to this product. The sum of any incidental concentration levels of these metals will not exceed 100 ppm.

Conflict Minerals/Dodd-Frank Act
This product does not use Dodd-Frank Act regulated substances of tin, tantalum, tungsten or gold. Our products are free of conflict minerals as defined in the Dodd-Frank Act and related SEC regulations and guidance.

Country of Origin
See country of origin statement.

Elemental Impurities (ICH Q3D)
The ICH Q3D listed elemental impurities are not expected to be found in this product based on knowledge of the raw materials and the manufacture process used. This product has not been tested according to ICH Q3D.

EU Cosmetic Regulation
This product is in compliance with the European Cosmetic Regulation (EC) 1223/2009 and its amendments and does not contain the substances listed in Annex II, nor substances in Annex III except as subject to the restrictions laid down by the Regulation.

Food Contact Regulations – EU
This product is not manufactured in compliance with the requirements defined in Regulation (EC) n° 1935/2004 and its associated regulations and amendments regarding food contact materials.

Food Contact Regulations - USA
This product is not suitable for use as a food additive or in food contact applications pursuant to USA FDA Regulations under 21 CFR.

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COSMETIC INGREDIENT INFORMATION SHEET

Global Chemical Inventories

Australia AICS	Listed – CAS#97404-33-6 (and) 97358-61-7
Canada DSL/NDSL	Listed DSL – CAS# 97404-33-6 (and) 97358-61-7
EU REACH	Compliant
China IECSC	Listed – CAS# 91697-49-3/ 97404-33-6 (and) 97281-21-5
Japan ENCS	Exempt as cosmetic ingredient
Korea KECL	Exempt as cosmetic ingredient
New Zealand NZIoC	Not Listed (can be used as cosmetic ingredient)
Philippines PICCS	Listed - CAS# 91697-49-3/ 2778-96-3/ 97404-33-6 (and) 1338-43-8 / 72869-62-6
Taiwan TCSI	Listed – CAS# 348616-34-2/ 85116-80-9/ 97404-33-6 (and) 223706-40-9/ 92202-01-2/ 97358-61-7/ 97281-21-7
US TSCA	Exempt as cosmetic ingredient

Global Cosmetic Inventories

China IECIC	Listed
EU CosIng	Listed
Korea	May be used as an ingredient in cosmetic products
US PCPC	Listed

Halal
This product does not contain animal sourced ingredients, including porcine or porcine derivatives, and is not produced with ethyl alcohol (beverage). It does not have Halal Certification.

Kosher
This product does not contain animal sourced ingredients, including porcine or porcine derivatives, and is not produced with ethyl alcohol (beverage). It does not have Kosher Certification.

Irradiation
This product is not irradiated.

Nagoya Protocol
This product is in compliance with or is not subject to the provisions of the Nagoya Protocol.

Origin
This product is derived from plants.

Palm Content
This product may contain palm derived ingredients.
Safety Data Sheet (SDS)

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COSMETIC INGREDIENT INFORMATION SHEET

The SDS for this product is available on our website at www.hallstar.com.

Schedule B/ Harmonized Tariff System Code
See country of origin statement.

Sewer Sludge
This product is not grown in sewer sludge.

Vegan Statement
This product is not manufactured using animal products, by-products or derivatives and no animal testing has been conducted by Hallstar to determine safety and efficacy of this substance.

Substances of Interest

Substance	**Present in Product** *(residual raw material, impurity, intentionally added)*	**Quantity in Units**	**Comments**
Allergens – Food* *EU No. 1169/2011 and USA Food Allergen Labeling and Consumer Protection Act of 2004*			
Celery or derivatives	No		
Cereal /grain containing glutens or derivatives thereof[1]	No		
Crustaceans (shellfish) or derivatives[2]	No		
Eggs or derivatives	No		
Fish or derivatives[3]	No		
Lupin (the herb) or derivatives	No		
Milk, dairy products or derivatives[4]	No		
Molluscs or derivatives	No		
Mustard or derivatives	No		
Nuts or derivatives[5]	No		
Peanuts or derivatives	No		
Sesame seeds	No		
Soy or derivatives[6]	No		
Sulfur dioxide or sulfites[7]	No		
Allergens – Fragrance: *Annex III of the EU Cosmetics Regulation 1223/2009/EC (CAS#)*			
Amyl Cinnamal (122-40-7)	No		
Benzyl Alcohol (100-51-6)	No		
Cinnamyl Alcohol (104-54-1)	No		
Citral (5392-40-5)	No		

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COSMETIC INGREDIENT INFORMATION SHEET

Eugenol (97-53-0)	No		
Hydroxycitronellal (107-75-5)	No		
Isoeugenol (97-54-1)	No		
Amylcinnamyl alcohol (101-85-9)	No		
Benzyl Salicylate (118-58-1)	No		
Cinnamal (104-55-2)	No		
Coumarin (91-64-5)	No		
Geraniol (106-24-1)	No		
Hydroxyisohexyl 3-cyclohexene carboxaldehyde (31906-04-4)	No		
Anise alcohol (105-13-5)	No		
Benzyl cinnamate (103-41-3)	No		
Farnesol (4602-84-0)	No		
2-(4-tert-Butylbenzyl)propionaldehyde (80-54-6)	No		
Linalool (78-70-6)	No		
Benzyl benzoate (120-51-4)	No		
Citronellol (106-22-9)	No		
Hexyl cinnamal (101-86-0)	No		
Limonene (5989-27-5)	No		
Methyl heptin carbonate (111-12-6)	No		
3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-butene-2-one (127-51-5)	No		
Oak moss extract (90028-68-5)	No	No	
Treemoss extract (90028-67-4)	No		
Animal By-products	No		
Asbestos	No		
California Proposition 65 Chemicals** *Safe Drinking Water and Toxic Enforcement Act of 1986 - USA*	No		
Caffeine Content *(for coffee products)*	No		
Chemicals of concern:			
1,4-Dioxane	No		
Anthraquinones (i.e., Aloin)	No		
Bisphenol A (BPA)	No		
BHA	No		
BHT	No		
Ethanol	No		
Ethylene Glycol / Diethylene Glycol	No		
Ethylene Oxide	No		
Formaldehyde / Formaldehyde Donors	No		
Glycol Ethers	No		
Melamine	No		

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COSMETIC INGREDIENT INFORMATION SHEET

Methanol	No		
Nitrosamines	No		
Parabens	No		
Perfluorooctane Sulfonates (PFOS)	No		
Phthalates	No		
Polychlorinated biphenyls (PCBs)	No		
Quaternium-15	No		
Retinol/retinyl esters	No		
Salicylates	No		
Silicones (including D4/D5)	No		
Sulfates	No		
Titanium Dioxide	No		
TBHQ (Tertiary Butylhydroquinone)	No		
CITES (Convention on International Trade in Endangered Species)	No		
CMRs (Carcinogenic, Mutagenic, or toxic for Reproduction)** *EC No. 1223/2009 and EC No. 1272/2008*	No		
GMOs (Genetically Modified Organisms)	No		
Heavy Metals			Total Metals (Antimony, Arsenic, Cadmium, Chromium, Mercury, Nickel, Lead): <10 ppm
Latex	No		
Microbeads *Microbead Free Water Act 2015*	No		
Nanomaterials *EU Cosmetic Regulation 1223/2009/EC*	No		
Ozone Depleting Substances	No		
Pesticides / Pesticide Residues	No		
Residual Monomers	No		
Solvents, residual – Class 1, Class 2, Class 3 or other residual solvents *USP General Chapter <467>*	No		
SVHCs (Substances of Very High Concern)*** *EC No. 1907/2006*	No		
Tetrahydrocannabinol content *(for hemp products)*	No		
Volatile Organic Compounds (VOCs)	No		

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COSMETIC INGREDIENT INFORMATION SHEET

*Food allergen information only includes those allergens which are intentionally added. [1]Cereals containing gluten include wheat, rye, barley, oat, spelt, kamut, and their hybrid stock, [2]Includes shrimp, lobster, crab, clams, etc., [3]Includes surimi, cod, pollack, whitefish, etc., [4]Includes whey, lactose, casein, milk and cream, [5]Tree nuts, which include almonds, Brazil nuts, cashew nuts, chestnuts, filberts, hazelnuts, pecans, pine nuts, pistachio nuts, Macadamia nuts, Queensland nuts and English walnuts and other nuts as identified under section 201(qq) of the US Food Allergen Labeling and Consumer Protection Act, [6]Includes soy powder, protein, oil, lecithin, tofu, [7]In excess of 10 mg/kg (10 ppm) as Sulfur Dioxide (SO_2)
** Substances identified under this regulation as of the date of this document.
***Based on the published SVHC list as of the date of this document.

III. TOXICOLOGICAL INFORMATION

Safety and Toxicity information is publicly available on the Cosmetic Ingredient Review (CIR) Board Website (WEB search “CIR Ingredients”) under INCI Name: Cetearyl Olivate and Sorbitan Olivate.

Test method	Assessment method	Result
Human Patch Test – skin irritation	in vivo test	Not irritating
RBC Test – ocular irritation	in vitro test	No ocular irritation potential

IV. ENVIRONMENTAL INFORMATION

Test method	Assessment method	Result
OECD 301-B – Ready Biodegradability	in vitro test	After 28 days > 60% ThCO2
OECD 202 – Daphnia sp. Acute immobilization Test	in vivo test	EC50 > 100 mg/l

V. STORAGE, PACKING, HANDLING, TRANSPORTATION

Shelf Life:	See COA
Storage/handling Information:	See SDS
Transportation:	Not Regulated. See SDS for further information.

This information is provided in good faith and is believed accurate as of the date below based on a review of current composition and information provided by our suppliers. No warranty is expressed or implied. Liability is expressly disclaimed.

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