

Cosmetic Raw Material File

Trade Name: **SAFIC' Care T A 80-400**

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1- Raw Material Identification

Description: White powder

INCI Europe (CosIng): Algin

INCI US (CTFA): Algin

Japan Name:

☐ Quasi-Drug Japan

☐ Functional Ingredient Korea

CAS number: 9005-38-3

Einecs / Elincs number:

Manufacturer name and address:

SAFIC-ALCAN

3 rue Bellini

92806 PUTEAUX Cedex, FRANCE

☒ Technical data sheet attached

☒ Specification sheet attached

2- Composition

Ingredients and their respective concentration:

Algin 100%

Additives and their respective concentration (antioxidants, preservatives...):

None

GMO presence: ☐ Yes ☒ No

Carcinogenic Mutagenic Reprotoxic substance: ☐ Yes ☒ No

(substances classified as carcinogenic, mutagenic or toxic for reproduction categories 1a, 1b and 2 in Annex VI – Regulation (CE) n°1272/2008 on dangerous substances)

Nanoparticles: ☐ Yes ☒ No

Allergens presence : ☐ Yes ☒ No

According to Annex III – Regulation (CE) n°1223/2009, the labelling of 26 substances known as allergens , is required:

- if the concentration exceeds 0.001% in leave-on products
- If the concentration exceeds 0.01% in rinse-off products

#	CAS	Substances (INCI Name)	Presence (Yes / No)	Content (%)
67	122-40-7	Amyl cinnamal	No	
68	100-51-6	Benzyl alcohol	No	
69	104-54-1	Cinnamyl alcohol	No	
70	5392-40-5	Citral	No	
71	97-53-0	Eugenol	No	
72	107-75-5	Hydroxycitronellal	No	
73	97-54-1	Isoeugenol	No	
74	101-85-9	Amylcinnamyl alcohol	No	
75	118-58-1	Benzyl salicylate	No	
76	104-55-2	Cinnamal	No	
77	91-64-5	Coumarin	No	
78	106-24-1	Geraniol	No	
79	31906-04-4	Hydroxyisohexyl 3-cyclohexene carboxaldehyde	No	
80	105-13-5	Anise alcohol	No	
81	103-41-3	Benzyl cinnamate	No	
82	4602-84-0	Farnesol	No	
83	80-54-6	Butylphenyl methylpropional	No	
84	78-70-6	Linalool	No	
85	120-51-4	Benzyl benzoate	No	
86	106-22-9	Citronellol	No	
87	101-86-0	Hexyl cinnamal	No	
88	5989-27-5	Limonene (d-alpha)	No	
89	111-12-6	Methyl 2-octynoate	No	
90	127-51-5	Alpha-isomethyl ionone	No	
91	90028-68-5	Evernia Prunastri (Oakmoss) extract	No	
92	90028-67-4	Evernia Furfuracea (Treemoss) extract	No	

Impurities, residuals:

1,4 Dioxan	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Not determined
Phthalates	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Not determined
Glycol ether	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Not determined
Residual solvents	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Not determined
Residual monomers	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Not determined
Heavy metals	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Not determined
↳ Not more than 20 ppm (see specification sheet)			
Pesticides	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Not determined
Nitrosamines	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Not determined
Free amines	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Not determined
Formaldehyde	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Not determined
VOC's	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Not determined
Ethylene oxide	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Not determined

3- Origin

- ☒ Vegetable → Brown seaweeds (*Phaeophyceae family*)
 Part of the plant used:
 Geographic origin: Chile
- ☐ Mineral →
- ☐ Synthetic →
- ☐ Biotechnologic →
- ☐ Other →

Manufacturing process:

Na_2CO_3

BROWN ALGAE → SOAK → WASH → DIGEST → DILUTE → FLOAT →

CaCl_2 HCL

FILTER → CALCIFICATION → DECALCIFICATION → EXTRACT →

CCP1 - Filtration

NaOH

→ NEUTRALIZATION → GRANULATING → DRYING →

ALCOHOL MEDIA CCP2 - Drying

GRINDING → PACKING

CCP3 - Magnetic check

Natureless/ Bio:

RM checked by COSMOS: ☒ Yes ☐ No ☒ Attestation attached

RM certified by Ecocert: ☐ Yes ☒ No ☐ Certificate attached

4- Microbiology

Total amount of bacteria: < 100CFU/g

Yeast, mould: < 100CFU/g

Pathogens: Absence

Sterilization or decontamination process eventually used: /

5- Storage condition

☞ refer to MSDS

Shelf life: 24 months

☒ MSDS attached

6- Physical and chemical properties

Flash point: No data

Melting point: No data

Molecular weight: 216 kDa

Particle size: 80 mesh– 150µm

Solubility: Soluble in water

7- International registration

The raw material can be used in the composition of cosmetic products sold in :

Country / Area	YES		NO
	Without restrictions	With restrictions (% max, product type...)	
Europe	X		
USA	X		
Japan	X		
Canada			
Australia			
China	X		
Korea			
Philippines			

8- Toxicological data

 refer to MSDS

- ☐ Acute oral toxicity
- ☐ Cutaneous tolerance
- ☐ Ocular tolerance
- ☐ Sensitization (RIPT)
- ☐ Phototoxicity
- ☐ Mutagenesis
- ☐ Other tests :
- ☐ Bibliography :

Tests on animals :

- ☐ Yes - Date of the last test :
- ☒ No

According to the 7th Amendment of the Cosmetic Directive (Directive 2003/15/EC) and Article 18 of Regulation (CE) n°1223/2009, if animal tests are carried out after September 11, 2004 for the development or safety evaluation of raw material , type of test and date should be indicated.

9- REACH

- ☐ Pre-registered substance :
- ☒ Exempted substance : [Natural polymer](#)
- ☐ < 1 Ton / year
- ☐ Other :

Presence of SVHC (according to ECHA list from 10/07/2017):

- ☐ Yes
- ☒ No

Date and Signature

Etampes, 08/03/2018



Bérénice CHATELUS
Technical support of SAFIC' Care range