

Material Safety Data Sheet

In accordance with Regulation (EC) 1907/2006

Preparation date: 1/11/2004

Last revision date: 11/2/2018 – V2018

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identification

Trade name: **Sensitive Skin Cotton BG**

Product code: SSC/04 (BG)

Description: plant cells dispersed in Butylene Glycol (refer to §3)

1.2 Relevant identified use

Raw material for cosmetic use

1.3 Company/undertaking name & address

Naolys, 86 route d'Arcachon - 33610 Cestas Pierroton - France

Information: Mr R. ENNAMANY

Telephone: + 33 5 57 29 03 70 – Mail: naolys@naolys.com

1.4 Emergency telephone number

ORFILA + 33(0)1 45 42 59 59

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not hazardous according to Regulation (EC) No. 1272/2008 (CLP)

2.2 Label elements

Hazard Pictograms : NONE

Signal Word (danger, warning) : NONE

Hazard Statement (H) : NONE

Precautionary Statement (P) : NONE

Additional Information : NONE

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

INCI	Classification	CAS	EINECS	%
Gossypium Arboreum (Cotton) Leaf Cell Extract	-	8001-29-4	232-280-7	20
Butylene Glycol	-	107-88-0	203-529-7	80

3.2 Mixture: information on ingredients

Components contributing to the dangers: NONE

Chemical description: Phytoalexin \leq 0.9%

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4. FIRST AID MEASURES

- 4.1 After inhalation: breathe fresh air. In case of persistent problems, consult a doctor.
 - 4.2 After contact with skin: rinse skin thoroughly with water. Consult a doctor in case of persistent irritation.
 - 4.3 After contact with eyes: rinse eyes immediately and thoroughly with water. Consult a doctor in case of persistent irritation.
 - 4.4 After ingestion: Product is not dangerous in case of ingestion. Consult a doctor in case of ingestion in large amounts, the product can work as a laxative and cause diarrhoea.
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5. FIRE FIGHTING MEASURES

- 5.1 Recommended means of extinguishing: In case of fire, use water spray, powder fire extinguisher, carbon dioxide (CO₂). Use water spray or alcohol-resistant foam against large fires.
 - 5.2 Special protective equipment: In case of fire, wear protection clothes and a self-contained breathing apparatus.
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6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precaution: Respect the safety instructions §8.
 - 6.2 Environmental protection precaution: do not throw out in water pipes, surface water or groundwater.
 - 6.3 Cleaning/recovery methods: gather using mechanical means, suck up and if necessary, wash with water. In order to eliminate the residue, refer to §13.
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7. HANDLING AND STORAGE

- 7.1 Handling
 - **To preserve the sterile product: handle under a laminar airflow cabinet with gloves and mask.**
 - Keep away from ignition sources – no smoking.
 - Technical measures: Follow personal safety guidelines §8
 - 7.2 Storing
 - Storing conditions: store in a dry, cool place at a temperature no higher than 40°C with a relative humidity of 65 %.
 - Incompatible substances: powerful oxidants
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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Parameters of exposure: respect the usual measurements of security for the use of chemicals.
- 8.2 Personal protective equipment:
- Respiratory protection: no protection is necessary under the normal conditions of use with adequate ventilation.
 - Hands protection: Wear gloves.
 - Eyes protection: Wear goggles.
 - Skin and body protection: Wear protective clothes.
- 8.3 General measures of protection and hygiene: General measures of hygiene relating to the handling of the chemicals.
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9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Physical state
Form: liquid
Colour: beige-clear brown
Odour: soft
- 9.2 pH: 5.5-7.5
- 9.3 Boiling point: approximately 207°C
- 9.4 Autoignition temperature: approximately 410°C
- 9.5 Flash point: approximately 115°C
- 9.6 Density with 20°C: 1.0-1.1 (g/ml)
- 9.7 Solubility: Completely miscible in water
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10. STABILITY AND REACTIVITY

- 10.1 Stability: Stable under normal storage conditions. Refer to §7.
- 10.2 Dangerous reaction: NONE
- 10.3 Incompatibility with various substances: powerful acids and oxidants.
- 10.4 Dangerous decomposition products: NONE
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11. TOXICOLOGICAL INFORMATION

11.1. Undesirable human health effects for butylene glycol: Cough.

11.2. Acute toxicity of butylene glycol

- Inhalation: LC0 (rat) 290mg/m³ (OECD403)
- Rat oral LD50 [mg/kg]: 22800
- Rabbit dermal LD50 [mg/kg]: >20 000
- Dermal irritation (rabbit): Not expected to be an irritant. (OECD404)
- Eyes irritation (rabbit): Slightly irritant. (OECD 405)
- Chronic toxicity: oral NOAEL: 5000 mg/kg/d (rat-2 years)
- Sensitization: None known. (patch-test on human)
- Carcinogenicity: NOAEL 5 000mg/kg/d (rat) - oral
- Mutagenicity: Mutagenicity tests are negative. (rat)
- Toxic for reproduction: Fertility: LOAEL 12000 mg/kg/d -rat-oral
- NOAEL 5000 mg/kg/d rat-oral
- Toxic for reproduction: unborn child : NOAEL 12 000mg/kg/d (rat) - teratogenicity
- NOAEL 2500mg/kg/d (rat) – maternal toxicity
- LOAEL 5 000mg/kg/d (rat) - NOAEL 2500 mg/kg/d (rat) - toxicity for the foetus

11.3. Undesirable human health effects of vegetal cell: none

- Ocular irritation: non-irritant
 - Cutaneous irritation: non-irritant
 - Genotoxicity: non-mutagenic
 - Acute oral toxicity: LD 50 not available
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12. ECOLOGICAL INFORMATION

12.1. Toxicity

- Toxicity Informations on the product : EC50 : 901mg/l (3h) Escherichia coli
- EC50-48h Daphnia magna [mg/l] : >1000 (OECD202)
- IC50 72h Algae [mg/l]: >1070 (OCDE 201) Desmodesmus subspicatus
EC50 Daphnia magna >85mg/l/21d (OECD202)
EC20 bacteria > 100mg/l (OCDE 209) - 3h
- CL50-96 hours - fish [mg/l] : 9510 (QSAR)
 - >100 (OECD203) Oryzias latipes
- L.idus LC50 (mg/l) : >2000 - 48h

12.2. Persistence and degradability

- Biodegradation [%] : Product is biodegradable... 81% (28d), (OCDE 301B)

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12.3. Bioaccumulative potential

- Bioaccumulative potential : Log POW : -0.2909 (calculation)

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

- This substance is not considered to be persistent, bioaccumulating nor toxic (PBT). This substance is not considered to be persistent nor very bioaccumulating (vPvB).

12.6. Other adverse effects

No data available.

- Environmental precautions: Avoid release to the environment.
- WGK class (Germany): 1: Not very dangerous for the aquatic environment.
number 5307
addition according to appendix 3 VwVwS

13. DISPOSAL CONSIDERATIONS

13.1 Waste of the residues: can be eliminated like waste liquid (waste industrial) or incinerated in an installation authorized in conformity with the legislations, regulation in force.

13.2 Recommendations on packaging: single packaging to eliminate in accordance with the legal regulation.

14. TRANSPORT INFORMATION

Not classified as hazardous for the international transport by land, sea and air.

14.1 For RID / ADR or RTMDR / RTMDF:	no regulation
14.2 For AND / ADN:	no regulation
14.3 For IMDG:	no regulation
14.4 For IATA-DGR & ICAO-TI:	no regulation

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15. REGULATORY INFORMATION

- 15.1 This product is compliant with cosmetic regulation (EC) 1223/2009.
International regulations: recorded in the inventory of the PCPC (Personal Care Products Council).
 - 15.2 Chemical safety assessment: not applicable (<1 T/year).
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16. OTHER INFORMATION

Regulations relating to the diffusion of this MSDS: in accordance with the regulations, the information contained in the Material Safety Data Sheet must be transmitted, by the recipient of the MSDS to any third party to which the raw materials are reassigned or to any person who could be exposed to the products.

Clause of responsibility:

The information which this MSDS contains is founded on the state of our knowledge relating to the product concerned, at the date indicated but does not constitute a guarantee as for the properties of the product and do not give place to a contractual legal relation. This information is given in good faith. This information should not replace the essential preliminary tests to be ensured of the adequacy of the product to each use considered.

The attention of the users moreover is drawn to the possibly incurred risks when a product is used for other uses than those for which it is conceived. It does not exempt in any case the user to know and apply the whole texts regulating its activity. He will take under his only responsibility the precautions related to the use which he makes of the products.

The lawful regulations mentioned are to help the recipient to fulfil the obligations which fall on to him at the time of the use of the product. This enumeration should not be regarded as exhaustive and does not exonerate the recipient to make sure that possibly other obligations fall on to him because of texts different than those quoted concerning the detention and the handling of the product for which he is only responsible.