

Material Safety Data Sheet

In accordance with Regulation (EC) 1907/2006

Preparation date: 3/7/2017

Last revision date: 9/29/2017 – V2017

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

1.1 Product identification

Trade name: **LightWavesDefense [JS+M]**

Product code: LWD [JS+M]/17

Description: plant cells dispersed in vegetable glycerin (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	%
Jasminum Sambac (Jasmine) Leaf Cell Extract	-	91770-14-8	294-797-4	20
Glycerin	-	56-81-5	200-289-5	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: oxygenation is necessary. In case of persistent problems, consult a doctor.
 - 4.2 After contact with skin: Non-irritating. However flush skin with soap and water.
 - 4.3 After contact with eyes: quickly cool the eye in cold water after contact, flush eyes immediately and abundantly with fresh water for at least 15 minutes while holding the eyelids open. Consult immediately a doctor.
 - 4.4 After ingestion: immediately rinse the mouth with water. Do not make vomit and call emergency.
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5. FIRE FIGHTING MEASURES

- 5.1 Extinguishing Media: In case of fire, use spray water, foam, carbon dioxide (CO₂).
 - Specific dangers: none
 - Particular intervention methods: allow a quick evacuation system of the containers. In case of close fire, move the containers exposed to the fire away.
 - 5.2 Personal protective equipment: In case of fire, wear protection clothes, and wear self contained breathing apparatus
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6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions: Respect the instructions of protection §8.
 - 6.2 Environmental protection precautions: do not throw out in the environment. Prevent the product from penetrating into the sewage.
 - 6.3 Cleaning/recovery methods: wear chemical gloves, goggles, and lab coat. Carefully contain spilled material. Deposit spilled material in appropriate waste container. Wash spill area with soap and water.
 - Recovery: Recover the product.
 - Elimination: Eliminate the product by incineration - refer to §13.
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7. HANDLING AND STORAGE

- 7.1 Handling
 - **To preserve the product sterile: handling under Microbiological Safety cabinet with gloves and mask.**
 - Keep away from fire – no smoking. Respect the instructions of individual protection §8
 - Precautions: avoid the formation or the dispersion of dust in the atmosphere

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7.2 Storage conditions: store containers closed in a dry cool place at a temperature less than 40°C with a relative humidity under 65 %.

- Packing material recommended: polyethylene
 - Incompatible matters: 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 protection clothes.
 - Specific hygiene measures: Avoid contact with skin and eyes.
- 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: 4.5-7.5
- 9.3 Boiling point: approximately 290°C
- 9.4 Autoignition temperature: approximately 370°C
- 9.5 Flash point: approximately 175°C
- 9.6 Solubility in water: dispersible
- 9.7 Density with 20°C: 1.0-1.3 (g/ml)
- 9.8 Granulometry: Average 100-200µ
- 9.9 Dispersible: in very aqueous or oily liquid

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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 Ocular irritation : not irritant
 - 11.2 Cutaneous irritation : not irritant
 - 11.3 Genotoxicity : non mutagen
 - 11.4 Acute oral toxicity : LD50 not available
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12. ECOLOGICAL INFORMATION

- 12.1 Biodegradability: biodegradable
- 12.2 Ecotoxicity

- Fish: CL50 / 48 HRS: > 2000 mg/l (Leuciscus idus melanotus)
- Bacteria: CE10 / 18 HRS: 2.9 mg/l (Pseudomonias putida)

Don't throw the product in water pipes or public waters. Don't transport it to a public waste treatment center.

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.

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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 / ADNR:	no regulation
14.3 For IMDG:	no regulation
14.4 For IATA-DGR & ICAO-TI:	no regulation

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

Full text of H and P phrases mentioned in sections 2 and 3:

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.

The asterisks on the left edge indicate the modifications compared to the preceding version.

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.