



MATERIAL SAFETY DATA SHEET

ALG205 PHORMISKIN BIOPROTECH G

1 - IDENTIFICATION OF THE PRODUCT AND COMPANY

1.1 Identification of the substance / preparation

Trade name : PHORMISKIN BIOPROTECH G
Reference : ALG205

1.2 Use of the substance / preparation

Raw material for cosmetics
Industrial use only

1.3 Identification of the company

Manufacturer : CODIF INTERNATIONAL
Address: 61 rue du Commandant L'Herminier - 35400 SAINT MALO - FRANCE
Phone number : 33 - (0) 2-23-18-31-31

Supplier: CODIF RECHERCHE ET NATURE
Address : 70 rue du Commandant L'Herminier - 35400 SAINT MALO - FRANCE
Phone number : 33 - (0) 2-23-18-31-07
Email: infotech@codif-recherche-et-nature.com

1.4 Emergency information

Emergency phone 33- (0) 2-23-18-31-07 (8.30 am to 17 pm)

2 - HAZARD IDENTIFICATION

Classification

- in accordance with directives 1999/45/EC - 67/548/CEE-2006/8/CEE : none
- in accordance with 1272/2008 Regulation : none

No hazard known to human and / or environment

3 - COMPOSITION / INFORMATION ON INGREDIENTS

Components :

INCI _{USA}	INCI _{EUROPE}	N° CAS	N° EINECS	%	Symbol	H/R
Glycerin	Glycerin	56-81-5	200-289-5			
Sea water	Maris aqua	/	310-127-6			
Hydrolyzed algae extract	Hydrolyzed algae extract	999999-99-4	310-127-6			

Classification and labelling/H/ R- phrases : under item 16

4 - FIRST ASSISTANCE

Eye contact : Rinse immediately with plenty of water.
Skin contact : Wash with water.
Inhalation: no action is required
Ingestion : Do not induce vomiting. Seek medical attention

5 - FIRE FIGHTING MEASURES

Extinguishing media : in case of fire , use water spray, foam,CO2 or dry chemical powder



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6 – ACCIDENTAL RELEASE MEASURES

Sponge up with an absorbent product (sand, sawdust).
Prevent contamination in drains, surface water , groundwater

7 - HANDLING AND STORAGE

Handling:

Handle in well-ventilated areas

Storage :

Keep in its original closed packaging at ambient temperature (15 to 25°C).
Shelf life : TWO years after manufacturing process in its original closed packaging
Keep refrigerated at 4°C after opening

8 –EXPOSURE CONTROLS / INDIVIDUAL PROTECTION

the usual precautionary measures are to be adhered for handling chemicals
Manipulation in accordance with good manufacturing practices and rules of industrial hygiene. Do not eat, drink or smoke during the manipulations.
Breathing protection: not necessary
Hand protection: gloves recommended
Eye protection: safety goggles recommended
Body protection : protective work clothing

9 - PHYSICAL AND CHEMICAL PROPERTIES

N.D= non determined

N.A = non applicable

General informations

form 20°C	limpid liquid
Colour	Colourless to slightly pink
Odour	Caracteristic

Important health , safety and environmental informations

pH (20°C)	6.50 - 8.50
Boiling temperature	N.D
Flash point (liquid)	N.D
Inflammability (solid)	N.A
Self ignition temperature	N.D
Explosion limits	N.A
Combustion number	N.A
Vapour pressure	N.D
Density	1.100 – 1.160
Surface tension	N.D
Water solubility	yes
Solubility in ...	water
octanol/water partition coefficient (low pow)	N.D
Viscosity	N.D
Vapour density	N.D
Evaporation rate	N.D

10 - STABILITY AND REACTIVITY

Stable in normal storage conditions.
No chemical evolution in ageing process.



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11 - TOXICOLOGIC INFORMATIONS

Irritant effect on skin	Non irritating
Irritant effect on eyes (in vitro)	slightly irritant almost non irritant
Mutagenicity (in vitro)	Non mutagenic in Ames test the product did not induce promutagenic effects
Acute oral toxicity	N.D
Evaluation of allergic potential	Non irritating and non sensitizing – hypoallergenic
Evaluation of phototoxic potential	Non phototoxic

12 - ECOTOXICOLOGIC INFORMATIONS

aquatic toxicity (short term, invertebrates)	N.D
Aquatic toxicity (short term, aquatic plants)	N.D
Degradation (biotic biodegradability)	N.D

General informations:

No ecotoxicity data for the product is available at the moment.

Keep away from drains, surface and groundwater

Indications on components

GLYCERINE

Persistence and degradability:

Readily biodegradable

(BOD5/COD) 86%

Ecotoxicity :

Shortly toxic to aquatic organisms.

LC50 (96 hours) fish > 5000mg / l

EC50 (24 hours) Daphnia magna > 10000 mg / l

EC50 (16 hours) Pseudomonas putida > 10000 mg / l

Bioaccumulativ potential:

product with a low potential to bioaccumulate

Bioaccumulation BCF = 3.16 (log BCF = 0.5)

13 - ELIMINATION INFORMATIONS

Dispose of waste according to the laws in force, preferably by a collector or a certified business

Do not contaminate the soil or water, not to their disposal in the environment

Must be dumped or incinerated in accordance with local regulations.

14 – TRANSPORT INFORMATIONS

Not classified as hazardous under transport regulation. (ADR – IMDG- IATA)

15 - REGULATIONS INFORMATIONS

The product does not require a hazard warning label according to EEC-Directives 67/548/EEC and 1999/45/EEC



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16 - OTHER INFORMATIONS

List of relevant R -phrases labelling : NONE

N .D= non determined

N.A = non applicable

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This product should not be used for purposes other than those specified in section 1 .

This material safety data sheet is complementary to the technical documents of use, but does not replace them. The informations included are based on our knowledge with regard to the product, at the mentioned date. They are given in honestly sincerity. We venture to draw the attention to the user on the possible risks when a product is used for different utilisation than the one for which it has been produced. Without any exception it exempts the user to know and to carry out the whole texts which rule its activity. He will take under his own responsibility the precautions linked to his use of the product.

Creation	21/10/2008	update index : A	
Revision date	21/01/2009	update index : B	§2
	04/11/2009	update index : C	changes according to Regulation EC 1907/2006 + trade name
	23/12/2010	update index : D	§7
	01/10/2014	update index : E	§2-3
	24/11/2014	update index : F	§3