



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

- 1.1 Product name and code : PEPHA[®]-TIGHT, 800356
- 1.2 Recommended use : Cosmetic ingredient
- 1.3 Manufacturer : **PENTAPHARM LTD.**
Engelgasse 109
P.O. Box
CH-4002 Basel / Switzerland
Tel. ##41-61-706 48 48
Fax. ##41-61-319 96 19
- 1.4 Emergency phone number : ##41-61-706 48 48

2. COMPOSITION AND INFORMATION ON INGREDIENTS

- 2.1 Chemical characterisation : PEPHA[®]-TIGHT is an extract of microalgae (*Nannochloropsis oculata*) combined with a blend of polysaccharides, preserved with 0.95 % Rokonsal (Potassium sorbate and Sodium benzoate) plus 0.95 % 2- Phenoxyethanol.
- 2.2 Hazardous ingredients : None
- | 2.3 <u>Ingredients</u> | <u>CAS No</u> | <u>EINECS No</u> | <u>Reference</u> |
|------------------------|---------------|------------------|------------------|
| Algae Extract | 92128-82-0 | 295-780-4 | EINECS Database |
| Pullulan | 9057-02-7 | 232-945-1 | EINECS Database |

3. HAZARD IDENTIFICATION

PEPHA[®]-TIGHT, used as a cosmetic ingredient, is not a hazardous material.
The data available do neither support any environmental hazard nor any adverse human health hazard.

4. FIRST AID MEASURES

- 4.1 Skin Contact : Rinse with water.
- 4.2 Eye Contact : Rinse immediately with plenty of water possibly containing a mild detergent. Contact physician in case of irritation.
- 4.3 Inhalation : Not applicable.
- 4.4 Ingestion : None, see 11.1.
- 4.5 Other first aid information : None known

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5. FIRE FIGHTING MEASURES

- 5.1 Extinguishing media : Carbon dioxide, foam, dry powder, water
5.2 Unsuitable extinguishing media : None known
5.3 Unusual fire fighting hazards : None known
5.4 Special fire fighting procedure : None known
5.5 Other recommendations : No special precautions and measures necessary.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions : Avoid eye contact.
6.2 Precautions to protect the environment : Keep away from drains and ground water.
6.3 Cleanup procedures : Dam large quantities and pump them into a container. For the remaining amount use inert absorbent material. Small quantities can be flushed with a suitable detergent into the sewage system.

7. HANDLING AND STORAGE

- 7.1 Handling precautions : Avoid eye contact. Watch out for slippery conditions after spillage.
7.2 Storage precautions : None
7.3 Other information : Store in a cool place (2 – 8°C).

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- 8.1 Exposure controls : See 7.1
8.2 Engineering control measures : No special control measures necessary.
8.3 Personal protective equipment
Respiratory protection : None
Hand protection : Gloves
Eye protection : Safety glasses
Skin protection : Additional protective equipment is normally not required.
Other : ---

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

9.1	Appearance		
	Physical state	:	Liquid
	Colour	:	Yellow-brown
	Odour	:	Like honey
9.2	Safety related information		
	pH	:	4.8 – 5.2
	Boiling point/boiling range	:	Not determined
	Melting point/melting range	:	Not determined
	Flash point	:	Not determined
	Flammability (solid, gas)	:	Not determined
	Autoflammability	:	Not determined
	Explosive properties	:	Not determined
	Oxidizing properties	:	Not determined
	Vapour pressure	:	Not determined
	Relative density	:	1.05 – 1.15
	Water solubility	:	Soluble
	Fat solubility	:	Insoluble
	n-octanol/water partition coefficient	:	Not determined
	Vapour density (air = 1)	:	Not determined
	Volatiles	:	Not determined

10. STABILITY AND REACTIVITY

10.1	Conditions to avoid	:	None known
10.2	Materials to avoid	:	None known
10.3	Hazardous decomposition products	:	None known

11. TOXICOLOGICAL INFORMATION

11.1	Possible dangerous-to-health effects		
11.2	Skin contact	:	Neither irritative nor sensitizing.
11.3	Eye contact	:	Not irritative.
11.4	Inhalation	:	Not determined.
11.5	Ingestion	:	Not toxic after oral ingestion.
11.6	Other information	:	PEPHA [®] -TIGHT has proved to be safe for cosmetic use.

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**12. ECOLOGICAL INFORMATION**

12.1	Mobility	:	Not determined
12.2	Persistence and degradability	:	Not determined
12.3	Bioaccumulative potential	:	Not determined
12.4	Ecotoxicity	:	Not determined
12.5	Other information	:	PEPHA [®] -TIGHT is composed of physiological, biodegradable compounds that are harmless when released into the environment.

13. DISPOSAL CONSIDERATIONS

13.1	Product disposal	:	Neutralize and flush with plenty of water into the sewage system.
13.2	Packaging disposal	:	Dispose of in a manner in accordance with local and national regulations.

14. TRANSPORT INFORMATION

14.1	UN-No.	:	Not applicable
14.2	Road and rail transport (ADR/RID)	:	Not applicable
14.3	Air transport (ICAO/IATA-DGR)	:	Not applicable
14.4	Sea transport (IMO/IMDG)	:	Not applicable
14.5	Inland navigation (ADN/ADNR)	:	Not applicable
14.6	Other information	:	PEPHA [®] -TIGHT is not classified as a dangerous material.

15. REGULATORY INFORMATION

15.1	Supply classification and labelling	:	No special packaging and labelling requirements.
15.2	National legislation	:	For further product information, we recommend consideration of the corresponding appropriate National Legislation.

16. OTHER INFORMATION

All information and instructions provided in this Safety Data Sheet are based on the current state of scientific and technical knowledge at the date indicated on this Safety Data Sheet. PENTAPHARM LTD. shall not be held responsible for any defect in the product covered by this Safety Data Sheet, should the existence of such a defect not be detectable considering the current state of scientific and technical knowledge.

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