



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

- 1.1 Product name and code : ELHIBIN[®], 301-02
- 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 : ELHIBIN[®] is a solution containing 80% of an aqueous soy bean extract, 20% of glycerol (80%) and 0.1% of disodium cocoamphodiacetate. ELHIBIN[®] is preserved using parabens and phenoxyethanol.
- 2.2 Hazardous ingredients : None
- | 2.3 <u>Ingredients (INCI)</u> | <u>CAS No</u> | <u>EINECS No</u> | <u>Reference</u> |
|--------------------------------|---------------|------------------|------------------|
| Soybean (Glycine Soja) Protein | 9010-10-0 | 232-720-8 | EINECS Database |

3. HAZARD IDENTIFICATION

ELHIBIN[®], 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.
- 4.3 Inhalation : Not applicable.
- 4.4 Ingestion : None, see 11.1.
- 4.5 Other first aid information : None known.

Product Name : ELHIBIN[®]
Issue Date : 22.11.2006
Version/Ref : 05 msp/bsu

Product Code : 301-02
Replaces issue of : 7.06.2000
Page : 1 of 5

**5. FIRE FIGHTING MEASURES**

- 5.1 Extinguishing media : Water, carbon dioxide, foam, dry powder
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 : None
6.3 Cleanup procedures : Dam large quantities and pump them into a container. For the remaining amount use absorbent material. Small quantities can be flushed with plenty of water into the sewage system.

7. HANDLING AND STORAGE

- 7.1 Handling precautions : Avoid eye contact.
7.2 Storage precautions : None
7.3 Other information : Keep the product in a clean, cool and dark place.

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 not normally required.
Other : ---

Product Name : ELHIBIN®
Issue Date : 22.11.2006
Version/Ref : 05 msp/bsu

Product Code : 301-02
Replaces issue of : 7.06.2000
Page : 2 of 5

**9. PHYSICAL AND CHEMICAL PROPERTIES**

9.1	Appearance		
	Physical state	:	Liquid
	Colour	:	Clear to slightly opalescent, yellowish liquid
	Odour	:	Characteristic
9.2	Safety related information		
	pH	:	5.2 - 6.0
	Boiling point/boiling range	:	Approx. as water
	Melting point/melting range	:	Not determined
	Flash point	:	Not applicable
	Flammability (solid, gas)	:	Not applicable
	Autoflammability	:	Not applicable
	Explosive properties	:	Not applicable
	Oxidizing properties	:	Not applicable
	Vapour pressure	:	approx. as water
	Relative density	:	1.052 - 1.062
	Water solubility	:	Soluble
	Fat solubility	:	Insoluble
	n-octanol/water partition coefficient	:	Not determined
	Vapour density (air = 1)	:	Not determined
	Viscosity	:	Not determined
	Volatiles	:	Water and Glycerol, approx. 95%

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

Product Name : ELHIBIN®
Issue Date : 22.11.2006
Version/Ref : 05 msp/bsu

Product Code : 301-02
Replaces issue of : 7.06.2000
Page : 3 of 5

**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 applicable.
- 11.5 Ingestion : Not toxic after oral ingestion.
- 11.6 Other information : Standard and well-defined safety testing has been performed on ELHIBIN[®] which has proved the product to be safe for cosmetic use

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 : ELHIBIN[®] 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 : ELHIBIN[®] is not classified as a dangerous material.

Product Name : ELHIBIN[®]
Issue Date : 22.11.2006
Version/Ref : 05 msp/bsu

Product Code : 301-02
Replaces issue of : 7.06.2000
Page : 4 of 5

**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.

Product Name : ELHIBIN®
Issue Date : 22.11.2006
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Product Code : 301-02
Replaces issue of : 7.06.2000
Page : 5 of 5