



## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

- 1.1 Product name and code : COLHIBIN, 801057
- 1.2 Recommended use : Cosmetic ingredient, dermal use
- 1.3 Manufacturer : DSM Nutritional Products Ltd Branch Pentapharm  
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. HAZARD IDENTIFICATION

COLHIBIN, used as a cosmetic ingredient, is not classified as dangerous according to EU guidelines. The data available do neither support any environmental hazard nor any adverse human health hazard.

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

3.1	Chemical characterisation:	COLHIBIN is a solution containing 89% of an aqueous rice peptide solution and 11% of glycerol. COLHIBIN is preserved with 0.5% Phenonip® (parabens in phenoxyethanol).			
3.2	Hazardous ingredients ≥ 1%	CAS No	Registration No, ELINCS/EINEC S No	Concentration (% m/m)	EU Classification
	None	-	-	-	-
3.3	Other ingredients (INCI)	CAS No	Registration No, ELINCS/EINEC S No	Concentration (% m/m)	EU Classification
	Hydrolyzed Rice Protein	94350-05-7	305-224-5	10 - 25	None
	Glycerin	56-81-5	200-289-5	10 - 25	None

Product Name : COLHIBIN  
Issue Date : 06.05.2008  
Version/Ref : 02 bsu/doi/msp/cre/ang/mry

Product Code : 801057  
Replaces issue of : 01.11.2006  
Page : 1 of 5

Registered as  
DSM Nutritional Products Ltd Branch Pentapharm  
Engelgasse 109, P.O.Box, CH-4002 Basel/Switzerland  
Phone: +41 61 706 48 48, Fax: +41 61 319 96 19, www.pentapharm.com



**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 : In case of signs of discomfort seek medical advice  
No adverse effects expected (see 11.)
- 4.5 Other first aid information : None known

**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
- 7.2 Storage precautions : COLHIBIN should be stored in the original sealed containers protected from light in a clean and cool place at a preferred temperature between 4 and 8°C. In order to avoid secondary microbial contamination after opening, containers should be handled with special care. If stored under the recommended conditions, COLHIBIN remains stable for at least three years.
- 7.3 Specific uses : None

Product Name : COLHIBIN  
 Issue Date : 06.05.2008  
 Version/Ref : 02 bsu/doi/msp/cre/ang/mry

Product Code : 801057  
 Replaces issue of : 01.11.2006  
 Page : 2 of 5

Registered as  
 DSM Nutritional Products Ltd Branch Pentapharm  
 Engelsingasse 109, P.O.Box, CH-4002 Basel/Switzerland  
 Phone: +41 61 706 48 48, Fax: +41 61 319 96 19, www.pentapharm.com



## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1	Exposure limit values	:	None
8.2	Exposure controls	:	No special control measures necessary
8.2.1	Personal protective equipment		
	Respiratory protection	:	None
	Hand protection	:	Gloves
	Eye protection	:	Safety glasses
	Skin protection	:	Additional protective equipment is normally not required
	Other	:	None
8.2.2	Environmental exposure controls	:	Keep away from drains and water

## 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1	Appearance		
	Physical state	:	Liquid, slight precipitates possible
	Colour	:	Clear to slightly turbid, yellowish to amber solution
	Odour	:	Characteristic
9.2	Safety related information		
	pH	:	5.3 – 6.3
	Boiling point/boiling range	:	Approx. as water
	Flash point	:	Not applicable
	Flammability (solid, gas)	:	Not applicable
	Explosive properties	:	Not applicable
	Oxidizing properties	:	Not applicable
	Vapour pressure	:	Approx. as water
	Relative density	:	1.050 – 1.100
	Water solubility	:	Soluble
	Fat solubility	:	Insoluble
	n-octanol/water partition coefficient	:	Not determined
	Vapour density (air = 1)	:	Not determined
	Viscosity	:	Not determined
	Organic volatiles	:	Preservatives, see 3.1
9.3	Other information		
	Conductivity	:	Not determined
	Melting point	:	Not determined

Product Name : COLHIBIN  
 Issue Date : 06.05.2008  
 Version/Ref : 02 bsu/doi/msp/cre/ang/mry

Product Code : 801057  
 Replaces issue of : 01.11.2006  
 Page : 3 of 5

Registered as  
 DSM Nutritional Products Ltd Branch Pentapharm  
 Engelsingasse 109, P.O.Box, CH-4002 Basel/Switzerland  
 Phone: +41 61 706 48 48, Fax: +41 61 319 96 19, www.pentapharm.com



**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 : None known
- 11.2 Acute effects – oral : Not determined, not toxic according to literature
- 11.3 Acute effects – skin : Not corrosive, not irritant
- 11.4 Acute effects – eyes : Not irritant according to literature
- 11.5 Sensitisation : Not sensitizing according to literature
- 11.6 Repeated dose toxicity : Not determined
- 11.7 Toxicokinetics, metabolism, distribution : Not determined, not for oral use
- 11.8 CMR effects :
  - Carcinogenicity : Not known
  - Mutagenicity : Not mutagenic according to literature
  - Reproductive toxicity : Not known

**12. ECOLOGICAL INFORMATION**

- 12.1 Ecotoxicity (*aquatic*: fish, crustaceans, algae, *soil*: micro- and macroorganisms, birds, bees, plants) : Not determined
- 12.2 Mobility (distribution to environmental compartments, Surface tension, adsorption/desorption) : Not determined
- 12.3 Persistence and degradability (biodegradation, oxidation, hydrolysis...) : COLHIBIN is composed of physiological, biodegradable compounds that are harmless when released into the environment.
- 12.4 Bioaccumulative potential : Not determined
- 12.5 PBT assessment : Not determined, but probably not PBT
- 12.6 Other information : No adverse effects expected

Product Name : COLHIBIN  
 Issue Date : 06.05.2008  
 Version/Ref : 02 bsu/doi/msp/cre/ang/mry

Product Code : 801057  
 Replaces issue of : 01.11.2006  
 Page : 4 of 5

Registered as  
 DSM Nutritional Products Ltd Branch Pentapharm  
 Engelsingasse 109, P.O.Box, CH-4002 Basel/Switzerland  
 Phone: +41 61 706 48 48, Fax: +41 61 319 96 19, www.pentapharm.com



**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 : COLHIBIN is not classified as a dangerous material according to EU guidelines.

**15. REGULATORY INFORMATION**

- 15.1 Chemical Safety Report (CSR) : No CSR available, COLHIBIN < 10t/a
- 15.2 Classification and labelling : Not classified
- 15.3 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 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.

SQS Certificate, ISO 9001, Registr.No. 11179

Product Name	: COLHIBIN	Product Code	: 801057
Issue Date	: 06.05.2008	Replaces issue of	: 01.11.2006
Version/Ref	: 02 bsu/doi/msp/cre/ang/mry	Page	: 5 of 5

Registered as  
 DSM Nutritional Products Ltd Branch Pentapharm  
 Engulgasse 109, P.O.Box, CH-4002 Basel/Switzerland  
 Phone: +41 61 706 48 48, Fax: +41 61 319 96 19, www.pentapharm.com