

PhytoCellTec Malus Domestica

510-XX

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Identification of the product	: PhytoCellTec Malus Domestica is a novel cosmetic active ingredient containing apple stem cell compounds encapsulated in liposoms prepared from soy-phospholipids. The ingredient with its viscous appearance is used for skin rejuvenating properties.
Type of product	: Cosmetic Active Ingredient.
Trade name	: PhytoCellTec Malus Domestica
Use	: For professional use only.
Company identification	: Mibelle AG Biochemistry Bolimattstrasse 1 CH-5033 Buchs Switzerland Tel : 0041 62 836 13 46, Fax: 0041 62 836 14 05
Emergency phone nr	: 044 251 66 66 (for Switzerland), 0041 44 251 51 51 (for Europe)

2 COMPOSITION / INFORMATION ON INGREDIENTS

Components

Substance name	Contents	CAS No	EC No	Index No	Classification
Malus domestica fruit cell culture	: 9 %	89957-48-2	----	----	
Lecithin (Lecithin)	: 0.14 %	8002-43-5	232-307-2	----	
Glycerol (Glycerin)	: 0.4 %	56-81-5	200-289-5	----	
2-phenoxyethanol	: 0.8 %	122-99-6	204-589-7	603-098-00-9	Xn; R22 Xi; R36
Xanthan Gum	: 1 %	11138-66-2	234-394-2	----	
Water (Aqua/Water)	: 88.66 %	7732-18-5	231-791-2	----	

3 HAZARDS IDENTIFICATION

- Inhalation	: This product is not hazardous.
- Skin contact	: Not expected to present a significant skin hazard under anticipated conditions of normal use.
- Eye contact	: Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
- Ingestion	: Ingestion unlikely. No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of ingestion.

4 FIRST AID MEASURES

First aid measures

- Inhalation	: Assure fresh air breathing.
- Eye contact	: Rinse immediately with plenty of water.
- Ingestion	: Seek medical advice (show the label where possible).
- Skin contact	: Wash skin with mild soap and water.

5 FIRE-FIGHTING MEASURES

Surrounding fires	: Use water spray or fog for cooling exposed containers.
Protection against fire	: Do not enter fire area without proper protective equipment, including respiratory protection.
Special procedures	: Exercise caution when fighting any chemical fire.

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510-XX

6 ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Equip cleanup crew with proper protection.
Respiratory protection equipment may be necessary.
- Environmental precautions** : Prevent entry to sewers and public waters.
Notify authorities if product enters sewers or public waters.
- Clean up methods** : Collect spills and put it into appropriated container.

7 HANDLING AND STORAGE

- Precautions in handling and storage** : Avoid all unnecessary exposure.
- Technical protective measures** : Both local exhaust and general room ventilation are usually required.
- Storage** : Keep only in the original container in a cool, well ventilated place.
Keep container closed when not in use.
- Handling** : Ensure prompt removal from eyes, skin and clothing.
Keep away from food, drink and animal feeding stuffs.
Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

- Personal protection**
- **Respiratory protection** : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
 - **Hand protection** : Gloves.
 - **Skin protection** : No special clothing/skin protection equipment is recommended under normal conditions of use.
 - **Eye protection** : Even though no specific eye irritation data is available, wear eye protection appropriate to conditions of use when handling this material.
 - **Ingestion** : When using, do not eat, drink or smoke.
- Industrial hygiene** : Provide local exhaust or general room ventilation.

9 PHYSICAL AND CHEMICAL PROPERTIES

- Colour** : White to yellow turbid.
- Odour** : Characteristic
- pH value** : 5.0-8.0

10 STABILITY AND REACTIVITY

- Hazardous reactions** : None under normal conditions.
- Hazardous properties** : None.

11 TOXICOLOGICAL INFORMATION

- Rat oral LD50 [mg/kg]** : Regarding the composition, a LD50 value of > 2000 mg/kg has to be expected.
Not classified as "Harmful if swallowed". May cause minimal effects following ingestion.

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510-XX

12 ECOLOGICAL INFORMATION

LC50-96 Hour - fish [mg/l] : No specific risk for the environment.

13 DISPOSAL CONSIDERATIONSGeneral : Avoid release to the environment.
Dispose in a safe manner in accordance with local/national regulations.**14 TRANSPORT INFORMATION**

General information : Not classified as "Hazardous for Transport".

15 REGULATORY INFORMATIONEC Labelling : The product does not require a hazard warning label in accordance with EC directives.
Symbol(s) : None.
R Phrase(s) : None.
S Phrase(s) : None.**16 OTHER INFORMATION**

Further information : None.

The contents and format of this MSDS are in accordance with EEC Commission Directive 2001/58EC.

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