

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Brown 1

Print date: 02.10.2017

Product code: MB 1001

Page 1 of 8

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Brown 1

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Use of the substance/mixture

Intradermal application - non cosmetic - tattooing device

#### Uses advised against

No data available

### 1.3. Details of the supplier of the safety data sheet

Company name:	Phi Academy GmbH - Wien - Austria	
Street:	Gartengasse 8	
Place:	A-1050 Wien	
Telephone:	+43 660 4372555	Telefax:
e-mail:	info@phibrows.com	
Internet:	http://www.phibrows.com	
Responsible Department:	quality assurance	

### 1.4. Emergency telephone number:

+43 660 4372555

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

R phrases:  
Flammable.

### 2.2. Label elements

#### R phrases

Flammable.

#### S phrases

Keep out of the reach of children.

#### Special labelling of certain mixtures

Contains CI 77891. May produce an allergic reaction.

### 2.3. Other hazards

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Glyzerin, Propylenglycol, Hamameliswasser, CI 77891, CI 77266, CI 11767, CI 56110 CI 561170 Polyvidon, Palmitat  
Content(INCI)

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Brown 1

Print date: 03.10.2017

Product code: MB 1001

Page 2 of 8

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

in case of allergic symptoms especially in the breathing area, seek medical advice immediately.

##### After inhalation

Provide fresh air.

##### After contact with skin

Wash with generous amount of water. Change contaminated clothing.

##### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

##### After ingestion

Rinse mouth immediately and drink large quantities of water.

#### 4.2. Most important symptoms and effects, both acute and delayed

Allergic anaphylactic shock.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Regulation of the metabolism, possible shock treatment.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Water. Carbon dioxide (CO<sub>2</sub>). Foam. Extinguishing powder.

#### 5.2. Special hazards arising from the substance or mixture

Combustible. Vapours may form explosive mixtures with air.

#### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

##### Additional information

Use water spray/stream to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition.

#### 6.2. Environmental precautions

Do not allow uncontrolled leakage of product into the environment. Explosion hazard.

#### 6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the assimilated material according to the section on waste disposal.

#### 6.4. Reference to other sections

No special environmental protection measures are necessary.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

In case of open handling equipment with built-in suction must be used. Do not breathe gas/fumes/vapour/spray.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Brown 1**

Print date: 03.10.2017

Product code: MB 1001

Page 3 of 8

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from sources of ignition - No smoking.

**Advice on storage compatibility**

Do not store together with: Material, rich in oxygen, oxidizing.

**7.3. Specific end use(s)**

Observe instructions for use.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
56-81-5	Glycerol, mist	-	10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

**8.2. Exposure controls****Appropriate engineering controls**

In case of open handling equipment with built-in suction must be used. Do not breathe gas/fumes/vapour/spray.

**Protective and hygiene measures**

Change contaminated clothing. Wash hands before breaks and at the end of work. When using do not eat or drink.

**Eye/face protection**

Eye protection: not required.

**Hand protection**

Hand protection: not required.

**Skin protection**

Skin protection: not required.

**Respiratory protection**

With correct and proper use, and under normal conditions, breathing protection is not required.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state: liquid  
 Colour: Brown  
 Odour: characteristic

**Test method**

pH-Value (at 20 °C): 7,7

**Changes in the physical state**

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Brown 1**

Print date: 03.10.2017

Product code: MB 1001

Page 4 of 8

Melting point:	No data available
Boiling point:	78 °C
Sublimation point:	No data available
Softening point:	No data available
Flash point:	42 °C

**Flammability**

Solid:	No data available
Gas:	No data available
Lower explosion limits:	3,5 vol. %
Upper explosion limits:	15 vol. %
Ignition temperature:	95 °C

**Auto-ignition temperature**

Solid:	No data available
Gas:	No data available

**Oxidizing properties**

Alcohol

Vapour pressure: (at 20 °C)	58 hPa
Vapour pressure: (at 50 °C)	293 hPa
Density (at 20 °C):	1,6 g/cm <sup>3</sup>
Bulk density:	No data available
Water solubility:	No data available

**Solubility in other solvents**

No data available

Partition coefficient:	No data available
Viscosity / dynamic:	No data available
Viscosity / kinematic:	No data available
Flow time:	No data available
Vapour density:	No data available
Evaporation rate:	No data available
Solvent separation test:	No data available
Solvent content:	22,90 %

**9.2. Other information**

Solid content:	40
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No data available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Ignition hazard.

**10.2. Chemical stability**

No data available

**10.3. Possibility of hazardous reactions**

No data available

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Brown 1**

Print date: 03.10.2017

Product code: MB 1001

Page 5 of 8

**10.4. Conditions to avoid**

Keep away from heat. Ignition hazard.

**10.5. Incompatible materials**

No data available

**10.6. Hazardous decomposition products**

No data available

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

No information available.

**Acute toxicity**

There are no data available on the preparation/mixture itself.

CAS No	Chemical name				Source
	Exposure routes	Method	Dose	Species	
25322-68-3	PEG-8				
	oral	LD50	2000 mg/kg	rat	

**Irritation and corrosivity**

Not an irritant.

**Sensitising effects**

no danger of sensitization.

**STOT-single exposure**

No information available.

**Severe effects after repeated or prolonged exposure**

No information available.

**Carcinogenic/mutagenic/toxic effects for reproduction**

No indications of human carcinogenicity exist.

No indications of human germ cell mutagenicity exist.

No indications of human reproductive toxicity exist.

**Aspiration hazard**

No information available.

**Specific effects in experiment on an animal**

The components in this formulation do not meet the criteria for classification as CMR category 1 or 2.

**Additional information on tests**

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

**Practical experience****Observations relevant to classification**

No information available.

**Other observations**

No information available.

**Further information**

Summarized evaluation of the CMR properties: The components in this formulation do not meet the criteria for classification as CMR category 1 or 2.

**SECTION 12: Ecological information**

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Brown 1**

Print date: 03.10.2017

Product code: MB 1001

Page 6 of 8

**12.1. Toxicity**

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility, will not disturb the biodegradability of activated sludge.

**12.2. Persistence and degradability**

No data available

**12.3. Bioaccumulative potential**

No data available

**12.4. Mobility in soil**

No data available

**12.5. Results of PBT and vPvB assessment**

No data available

**12.6. Other adverse effects**

No data available

**Further information**

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

Do not empty into drains or the aquatic environment. Waste disposal according to official state regulations.

**Waste disposal number of waste from residues/unused products**

200128 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins other than those mentioned in 20 01 27

**Waste disposal number of used product**

200128 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins other than those mentioned in 20 01 27

**Waste disposal number of contaminated packaging**

200128 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins other than those mentioned in 20 01 27

**Contaminated packaging**

Water (with cleaning agent). Completely emptied packings can be re-cycled.

**SECTION 14: Transport information****Land transport (ADR/RID)**

**14.1. UN number:** Not classified for this carrier.

**14.2. UN proper shipping name:** Not classified for this carrier.

**14.3. Transport hazard class(es):** No

**14.4. Packing group:** No

**Other applicable information (land transport)**

No dangerous good in sense of this transport regulation.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Brown 1**

Print date: 03.10.2017

Product code: MB 1001

Page 7 of 8

Not restricted

**Inland waterways transport (ADN)**

- 14.1. UN number:** Not classified for this carrier.  
**14.2. UN proper shipping name:** Not classified for this carrier.  
**14.3. Transport hazard class(es):** No  
**14.4. Packing group:** No

**Other applicable information (inland waterways transport)**

Not restricted

**Marine transport (IMDG)**

- 14.1. UN number:** Not classified for this carrier.  
**14.2. UN proper shipping name:** Not classified for this carrier.  
**14.3. Transport hazard class(es):** No  
**14.4. Packing group:** -

**Other applicable information (marine transport)**

Not restricted

**Air transport (ICAO)**

- 14.1. UN number:** Not classified for this carrier.  
**14.2. UN proper shipping name:** Not classified for this carrier.  
**14.3. Transport hazard class(es):** No  
**14.4. Packing group:** -

**Other applicable information (air transport)**

No dangerous good in sense of this transport regulation.

Not restricted

**14.5. Environmental hazards**

Dangerous for the environment: no

**14.6. Special precautions for user**

No

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

No

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

1999/13/EC (VOC): 22,9 % (366,4 g/l)

**National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Changes**

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Validity period: EC member states, Switzerland, Turkey, Russia, Croatia

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Brown 1

Print date: 03.10.2017

Product code: MB 1001

Page 8 of 8

#### Full text of R phrases referred to under Sections 2 and 3

Flammable.  
Irritating to eyes.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*