


**MATERIAL SAFETY DATA SHEET (REACH)**

In accordance with Regulation (EC) No. 1907/2006 and Regulation (EU) No. 2015/830

	Name: M-1661 Tincture 5.25% PG Number: TB005013	Revision: 5 Page 1 of 5
---	--	----------------------------

**1. Identification of the substance / Company / undertaking**

1.1	PRODUCT IDENTIFIER:	M-1661 Tincture 5.25% PG
	PRODUCT NUMBER:	TB005013
	PHARMACODE:	Not available
	PZN:	Not available
	PPN:	Not available
	CAS:	Not available
	OTHER NAME:	Not available
1.2	<b>RELEVANT IDENTIFIED USES AND USES ADVISED AGAINST:</b> To be used in the chemical, food or cosmetic industry as a raw material. For professional uses only. This product is not recommended for any use or sector of use industrial, professional or consume other than those previously listed as 'Intended or identified uses'. If your use is not covered, please contact the supplier of this material safety data sheet.	
1.3	<b>DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:</b> The Botanicals SA Thurbruggstrasse 4 9215 Schoenenberg Switzerland Tel: +41 (0) 71 642 10 91 mail: <a href="mailto:info@thebotanicals.ch">info@thebotanicals.ch</a>	
1.4	<b>EMERGENCY TELEPHONE NUMBER:</b> +41 44 251 51 51 145	

**2. Hazards identification**

2.1	<b>CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:</b> The mixture is not classified as dangerous according to Regulations (EC) No 1272/2008 The mixture is not classified as dangerous according to Directive 67/548/EEC <b>The most serious adverse physicochemical effects:</b> Unknown <b>The most serious adverse effects on human health and the environment:</b> Unknown		
2.2	<b>Label Elements:</b> Symbols: Not applicable Hazard statements: Not applicable Precautionary statements: Not applicable Contents: Propylene-glycol, Cannabis sativa L. Leaf/Stem Extract, Ethanol Other Hazards: Not applicable		

**3. Composition / information on ingredients**


Ingredient	CAS-Nr	Weight %	Classification
Cannabis sativa L. Leaf/Stem Extract	89958-21-4	5-10%	Flam. Liq. 3 H226 Asp. Tox. 1 H304 Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 Aquatic Chronic 2 H411
1,2 Propylene-glycol	57-55-6	80-85%	Not available
Ethanol 94% m/m	64-17-5	10% v/v	Flam. Liq. 2 H225 Eye. Irrit. 2 H219
-	-	-	-
-	-	-	-

**4. First aid measures**

4.1	<b>Description of first aid measures:</b> <b>General advice</b> Consult a physician. Show this safety data sheet to the doctor in		
-----	--	--	--

MATERIAL SAFETY DATA SHEET (REACH)


In accordance with Regulation (EC) No. 1907/2006 and Regulation (EU) No. 2015/830

	Name: M-1661 Tincture 5.25% PG Number: TB005013	Revision: 5 Page 2 of 5
---	--	----------------------------

	<p>attendance.</p> <p><b>If inhaled</b> If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.</p> <p><b>In case of skin contact</b> Wash off with soap and plenty of water. Consult a physician.</p> <p><b>In case of eye contact</b> Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.</p> <p><b>If swallowed</b> Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.</p>
4.2	<p><b>Most important symptoms and effects, both acute and delayed:</b>                  To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.</p>
4.3	<p><b>Indication of any immediate medical attention and special treatment needed:</b>                  In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).</p>
<p><b>5. Firefighting measures</b></p>	
5.1	<p><b>Extinguishing media:</b>                  Suitable extinguishing media:                  Carbon dioxide (CO<sub>2</sub>), Water                  Extinguishing media which must not be used for safety reasons:  <b>No particular</b></p>
5.2	<p><b>Special hazards arising from the substance or mixture:</b>                  Do not inhale explosion and combustion gases.                  Burning produces heavy smoke.</p>
5.3	<p><b>Advice for firefighters:</b>                  Use suitable breathing apparatus .                  Collect contaminated fire extinguishing media separately. This must not be discharged into drains.                  Move undamaged containers from immediate hazard area if it can be done safely.</p>
<p><b>6. Accidental release measures</b></p>	
6.1.	<p><b>Personal precautions, protective equipment and emergency procedures:</b>                  Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.</p>
6.2	<p><b>Environmental precautions</b>                  Prevent further leakage or spillage if safe to do so. Do not let product enter drains.</p>
6.3	<p><b>Methods and materials for containment and cleaning up</b>                  Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations</p>
<p><b>7. Handling and storage</b></p>	
7.1	<p><b>Precautions for safe handling:</b>                  Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.                  Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.</p>
7.2	<p><b>Conditions for safe storage, including any incompatibilities:</b>                  Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.</p>
7.3	<p><b>Recommended storage temperature:</b>                  15-25°C</p>
7.4	<p><b>Specific end use:</b>                  Not available</p>
<p><b>8. Exposure controls / personal protection</b></p>	

MATERIAL SAFETY DATA SHEET (REACH)

In accordance with Regulation (EC) No. 1907/2006 and Regulation (EU) No. 2015/830

	Name: M-1661 Tincture 5.25% PG Number: TB005013	Revision: 5 Page 3 of 5
---	--	----------------------------

8.1	<b>Appropriate engineering controls:</b> Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
8.2	<b>Personal protective equipment:</b> <b>Eye/face protection:</b> Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
8.3	<b>Skin protection:</b> Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
8.4	<b>Body Protection:</b> impervious clothing, Flame retardant antistatic protective clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
8.5	<b>Respiratory protection:</b> Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**9. Physical and Chemical properties**

9.1	Appearance Form	Viscous liquid
	Color	Green to brown
	Odour	Characteristic
	pH	not available
	Melting point/ boiling point	-60°C, 186°C
	Flash point	>100°C
	Flammability	Not available
	Vapour pressure	0.07 hPa
	Vapour density	2.62
	Autoignition temperature	Not available
	Decomposition temperature	>190°C
	Viscosity	Not available
	Explosive properties	Not available
	Oxidizing properties	Not available

**10. Stability / Reactivity**


10.1	Reactivity	Not available
	Chemical stability	Under normal conditions, the mixture is stable.
	Possibility of hazardous reactions	Under normal conditions, the mixture is stable.
	Conditions to avoid	The mixture is stable and no degradation occurs under normal use.
	Incompatible materials	Protect against metals, strong acids and oxidizing agents.
	Other decomposition products	Not developed under normal uses. Dangerous products are formed at high temperature and in fire, such as carbon monoxides and carbon dioxides heavy smoke and nitrogen oxides.

**11. Toxicological information**

11.1	Acute toxicity	No toxicological data is available for the mixture
	Skin corrosion/irritation	Based on available data, the classification criteria are

**MATERIAL SAFETY DATA SHEET (REACH)**

In accordance with Regulation (EC) No. 1907/2006 and Regulation (EU) No. 2015/830

 <p><b>THE BOTANICALS</b> PURE NATURAL RAW</p>	Name: M-1661 Tincture 5.25% PG Number: TB005013	Revision: 5 Page 4 of 5
---	--	----------------------------

		not accomplished.
	Serious eye damage/eye irritation	Based on available data, the classification criteria are not accomplished.
	Respiratory or skin sensitization	Based on available data, the classification criteria are not accomplished.
	Germ cell mutagenicity	Based on available data, the classification criteria are not accomplished.
	Carcinogenicity	Based on available data, the classification criteria are not accomplished.
	Reproductive toxicity	Based on available data, the classification criteria are not accomplished.
	Specific target organ toxicity - single exposure - repeated exposure	Based on available data, the classification criteria are not accomplished. Based on available data, the classification criteria are not accomplished.
	Aspiration hazard	Based on available data, the classification criteria are not accomplished.

11.2	<b>Potential health effects</b>	
	Inhalation	May be harmful if inhaled. Causes respiratory tract irritation.
	Ingestion	Not available
	Skin	Not available
	Eyes	Causes eye irritation.

11.3	<b>Signs and Symptoms of Exposure:</b> To the best of our knowledge, there where no toxicological properties observed.	
------	---	--

**12. Ecological Information**

12.1	Toxicity	Aquatic Toxicity: Propylene-glycol: LC 50 = 6983 mg/kg (Corophium volutator) (10 days) Toxicity sediment organisms. Static system. Salt water.
	Persistence and degradability	The product is biodegradable.
	Bioaccumulative potential	Not available
	Mobility in soil	Mobile in soil
	Results of PBT and vPvB assessment	The mixture is no classified as PBT or vPvB
	Other adverse effects	Not available

**13. Disposal Considerations**

13.1	<b>Product:</b> Burn in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable product to a licensed disposal company. Provide the MSDS.	
13.2	<b>Contaminated packaging:</b> Dispose of as unused products.	

**14. Transport Information**

14.1	<b>UN number:</b>	ADR/RID	Not available
		IMDG	Not available
		IATA	Not available
14.2	<b>UN proper shipping name:</b>	ADR/RID	Not available
		IMDG	Not available
		IATA	Not available


**15. Regulatory**

15.1	<b>Composition:</b> Propylene-glycol, Cannabis sativa L. Leaf/Stem Extract, Ethanol <b>Restrictions:</b> For professional uses only.	
------	---	--

**16. Other informations**

MATERIAL SAFETY DATA SHEET (REACH)

In accordance with Regulation (EC) No. 1907/2006 and Regulation (EU) No. 2015/830

	Name: M-1661 Tincture 5.25% PG Number: TB005013	Revision: 5 Page 5 of 5
---	--	----------------------------

16.1	<b>Updated at:</b>	24-Feb.-2018
16.2	<b>Written by:</b>	OLTS
16.3	This information is based on our present state of knowledge, but offers no assurance of product properties and establishes no contract legal rights.	

**End of the MSDS**