



TIMOREX GOLD	CONFORMS TO 1907/2006/EC (ARTICLE 31) as amended by Regulation (EU) and 2015/830	March 31, 2020
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## MATERIAL SAFETY DATA SHEET

### TIMOREX GOLD

<b>1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING</b>		
1.1	<b>PRODUCT IDENTIFIER</b>	TIMOREX GOLD BM 608 [Tea Tree Oil 222.5 g/L or 23.8%]
	<b>CHEMICAL NAME</b>	Tea Tree Oil ( <i>Melaleuca alternifolia</i> )
1.2	<b>RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST</b>	Fungicide
1.3	<b>DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET</b>	Stockton (Israel) Ltd. 17 Ha'Mefalsim St., Petach Tikva, P.O.B 3517, 4951447, Israel. Tel: +972 (0)722570000 Fax: +972(0) 722570001
1.4	<b>EMERGENCY TELEPHONE NUMBER</b>	+972 72 2570000 (office hours)
<b>2. HAZARDOUS IDENTIFICATION</b>		
<b>2.1 Classification of the mixture</b>		
<b>2.1.1 Classification according to Regulation (EC) No. 1272/2008 (CLP)</b>		
<ul style="list-style-type: none"> <li>) <b>Physicochemical hazards:</b> Flam. Liq. 3 – Category 3 – Warning; H226</li> <li>) <b>Health hazards:</b> <ul style="list-style-type: none"> <li>Eye Irrit 2- Category 2 – Warning; H319</li> <li>Skin Irrit 2 - Category 2 – Warning; H315</li> <li>Skin Sens. 1 - Category 1 – Warning; H317</li> </ul> </li> <li>) <b>Environmental hazards:</b> Toxic to aquatic life (No CLP equivalent) - Warning</li> </ul>		
<b>2.2 label elements</b>		
<b><u>Labelling Regulation (EC) 1272/2008</u></b>		
<ul style="list-style-type: none"> <li>) <b>Hazard pictograms:</b> <div style="text-align: center;">   </div> </li> <li>) <b>Pictograms-Codes:</b> GHS02 GHS07</li> <li>) <b>Signal words:</b> Warning</li> <li>) <b>Hazard statements:</b> H226 - Flammable liquid and vapour H319 - Causes serious eye irritation.</li> </ul>		

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	H315 - Causes serious skin damage H317 - May cause an allergic skin reaction ----- - Toxic to aquatic life
<b>Precautionary statements:</b>	
<b>- Prevention:</b>	P262: Do not get in eyes, on skin, or on clothing P273: Avoid release to the environment. P280: Wear protective gloves and protective clothing
<b>- Response:</b>	P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing..
<b>- Storage:</b>	P102: Keep out of the reach of children
<b>- Disposal:</b>	P501: Dispose of this material and its container to hazardous or special collection point, in accordance with local, regional, national and/or international regulations.
<b>WHO Classification :</b>	Class III: Slightly hazardous.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixture\*

Common name	CAS No.	%	EC Number	Symbol	R-Phrases**
Tea Tree Oil	68647-73-4	23.8	285-377-1	Xn, N	R10-22-36/38-50
					Flammable liquid and vapour – H226 Acute Tox 4 – H302 Eye Irrit. 2 - H319 Skin Irrit. 2 - H315 Aquatic Acute 1 - H400
Ethanol	64-17-5	4.0	200-578-6	F	R11
					Highly flammable liquid and vapor – H225

\*For occupational exposure limits see Section 8.

\*\*For full text of phrases see Section 16.

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

<b>General notes</b>	Remove victim from area of exposure. Wash off remaining material with plenty of water.
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<b>Eye contact</b>	Wash out with water with the eyelid held wide open for at least 15 minutes. Get medical attention.	
<b>Skin contact</b>	Remove contaminated clothing. Wash away remainder with water and soap	
<b>Inhalation</b>	Remove victim to fresh air. If breathing is difficult: artificial respiration. Get medical attention.	
<b>INGESTION</b>	Wash out mouth with plenty of water. Get medical attention. Never give anything by mouth to an unconscious person.	
<b>4.2</b>	<b>Most important symptoms and effects</b> Inhalation: may cause respiratory tract irritation, cough. Eye and skin contact: irritation. Exposure delayed effects: sensitization.	
<b>4.3</b>	<b>Indication of any immediate medical attention and special treatment needed</b> No special antidote. Treat symptomatically and supportively.	
<b>5.</b>	<b>FIRE-FIGHTING MEASURES</b>	
<b>5.1</b>	<b>Extinguishing media:</b>	Foam, carbon dioxide (CO <sub>2</sub> ), dry chemical.
<b>5.2</b>	<b>Special hazards arising from the substance or mixture</b>	
	<b>Fire and explosive hazards:</b>	Flash point: 39 [C; Flash back may occur a long vapour trail. Vapours may form explosive mixture with air.
	<b>Hazardous thermal (de)composition products</b>	Carbon oxides.
<b>5.3</b>	<b>Protection of fire-fighters</b>	Use breathing apparatus with independent air supply
	<b>Additional Information</b>	Cool containers at risk with water spray jet. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.
<b>6.</b>	<b>ACCIDENTAL RELEASE MEASURES</b>	
<b>6.1</b>	<b>Personal precautions</b>	Wear suitable protective clothing, protective gloves and tightly sealed goggles.
<b>6.2</b>	<b>Environmental precautions</b>	Prevent spills to reach any water course, surface and ground water. In case of leakage to water course inform the respective authorities
<b>6.3</b>	<b>Methods for cleaning up</b>	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents..

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<b>7. HANDLING AND STORAGE</b>	
<b>7.1 Handling</b>	Avoid contact with skin and eyes. Ventilation required. When handling, wear suitable protective clothing. Keep away from ignition sources -Do not smoke. Protect against electrostatic charges.
<b>7.2 Storage</b>	Keep only in the original container. Keep container tightly closed in a cool, dry, well ventilated place away from direct sunlight and ignition/heat sources.
<b>8. EXPOSURE CONTROLS/ PERSONAL PROTECTION</b>	
<b>8.1 Control parameters</b>	
<b>Industrial Hygiene measures</b>	Ventilation required. When handlings do not eat, drink or smoke. Wash hands thoroughly after handling. Wash clothing separately before re-use. Contaminated work clothing should not be allowed out of the workplace.
<b>Personal protective equipment</b>	
<b>- Respiratory system</b>	Respiratory protection is not required if good ventilation is maintained.
<b>- Skin and body</b>	Wear suitable protective clothing. Chemical resistant boots
<b>- Hands</b>	Protective gloves. The glove material has to be impermeable and resistant to the product
<b>- Eyes</b>	Safety goggles or face shield
<b>8.2 Occupational Exposure Limits</b>	
Tea Tree Oil:	Not established
Ethanol:	1000 ppm TWA (ACGIH)
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>	
<b>APPEARANCE</b>	Liquid
<b>COLOUR</b>	Yellow-light brown
<b>ODOUR</b>	Characteristic odour
<b>FLASH POINT</b>	39°C
<b>FLAMMABILITY</b>	Flammable
<b>AUTOIGNITION TEMPERATURE</b>	~250°C (tea tree oil)
<b>EXPLOSIVE PROPERTIES</b>	Not explosive; however, the mixture (vapours) - May form explosive mixture with air
<b>OXIDIZING PROPERTIES</b>	Not oxidizing
<b>VAPOUR PRESSURE</b>	Contains volatile components
<b>DENSITY</b>	0.935 } 0.02 g/ml (20°C)
<b>pH</b>	8.9-9.6
<b>WATER SOLUBILITY</b>	Miscible
<b>OCTANOL/WATER PARTITION COEFFICIENT</b>	Not relevant – multicomponent mixture

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<b>VISCOSITY</b>	57.2 mPa. Sec at 20 [C 26.3 mPa.sec at 40 [C
<b>10. STABILITY AND REACTIVITY</b>	
<b>10.1 Reactivity</b>	Not subject to polymerization.
<b>10.2 Stability</b>	Stable under normal storage conditions.
<b>10.3 Conditions to avoid</b>	Heat, open flames, ignition sources and vapour build up
<b>10.4 Materials to avoid</b>	Oxidizing agents
<b>10.5 Possible hazardous reactions</b>	None
<b>10.6 Hazardous decomposition products</b>	Carbon oxides.
<b>11. TOXICOLOGICAL INFORMATION</b>	
<b>11.1 Acute oral toxicity</b>	LD <sub>50</sub> , rats > 2000 mg/kg
<b>11.2 Acute dermal toxicity</b>	LD <sub>50</sub> , rats > 2000 mg/kg
<b>11.3 Acute inhalation toxicity</b>	5.4 mg/l (4-h exposure)
<b>11.4 Skin irritation</b>	irritant (rabbits)
<b>11.5 Eye irritation</b>	irritant (rabbits)
<b>11.6 Sensitization</b>	Sensitizer
<b>12. ECOLOGICAL INFORMATION</b>	
<b>12.1 Ecotoxicity: data is given for the mixture</b>	
	<p><b>Fish</b> LC<sub>50</sub> (96 hours) rainbow trout : 5.67 mg/L</p> <p><b>Daphnia magna</b> LC<sub>50</sub> (48 hours) : 1.45 mg/L</p> <p><b>Algae (<i>Desmodesmus subspicatus</i>)</b> EC<sub>50</sub> (72 hours) : 7.21 mg/L</p> <p><b>Birds</b> Acute oral LD<sub>50</sub> Japanese quail : &gt; 2000 mg/kg b.w</p> <p><b>Bees</b> Oral LD<sub>50</sub> (48 hours) : &gt; 95.8 µg/bee Contact LD<sub>50</sub> (48 hours) : 331 µg/bee</p>
<b>12.2 Persistence/degradability:</b>	
<b>Tea Tree Oil</b>	Due to its high volatility and ready biodegradability, Tea Tree Oil is not expected to be persistent, mobile or bioaccumulative in the environment.
<b>Ready biodegradability:</b>	readily biodegradable.

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<p><b>12.3 Bioaccumulative Potential:</b> low potential due to high volatility of tea tree oil</p> <p><b>12.4 Mobility in soil</b> Not relevant due to high volatility of tea tree oil</p> <p><b>12.5 Results of PBT and vPvB assessment</b> No relevant</p>
<p><b>13. DISPOSAL CONSIDERATION</b> Product would be treated, stored, transported, and disposed of according to the local waste regulation authority. Do not flush to surface water or sanitary sewer system</p>
<p><b>14. TRANSPORT INFORMATION</b></p> <p><b>International transport regulations</b> UN 1993, Flammable Liquid. N.O.S , (Tea Tree Oil, Ethanol) Class 3, PG III</p> <p><b>National transport regulations</b> UN 1993, Flammable Liquid. N.O.S , (Tea Tree Oil, Ethanol) Class 3, PG III</p>
<p><b>15. REGULATORY INFORMATION</b></p> <p><b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b> Ensure all national/local regulations are observed.</p> <p><b>15.2 Chemical Safety Assessment.</b> None</p>
<p><b>16. OTHER INFORMATION:</b></p> <p><b>Full text of Risk (R)-phrases and H in Section 3</b></p> <p>R10: Flammable. R11: Highly flammable R22: Harmful if swallowed. R36/38: Irritating to eyes and skin. R50: Very toxic to aquatic organisms,</p> <p>H225: Highly flammable liquid and vapour H226: Flammable liquid and vapour H302: Harmful if swallowed H315: Causes skin irritation H319: Causes serious eye irritation H400: Very toxic to aquatic life</p> <p>The information contained in the Safety data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.</p>
<p><b>Prepared by:</b> Registration Dept., <b>Updated on:</b> March 31, 2020</p>