

# Material Safety Data Sheet

EU Regulation: 2020/878

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

<b>1.1 PRODUCT IDENTIFICATION</b>					
<b>PRODUCT NAME</b>	THYME SWEET (LINALOOL), ESSENTIAL OIL ORGANIC				
<b>BIOLOGICAL DEFINITION</b>	THYMUS VULGARIS OIL IS THE VOLATILE OIL OBTAINED FROM THE WHOLE PLANT OF THE THYME, THYMUS VULGARIS L., LAMIACEAE.				
<b>INCI NAME</b>	THYMUS VULGARIS OIL				
<b>SYNONYMS &amp; TRADE NAMES</b>	-				
<b>CAS-No</b>	84929-51-1	<b>EC No.</b>	284-535-7	<b>EINECS No.</b>	284-535-7
<b>1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET</b>					
<b>COMPANY ADDRESS</b>	Mov Herbs				
<b>EMAIL</b>	TECHNICALCREW@MOVHERBS.COM				
<b>1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET</b>					
<b>EMERGENCY CONTACTS</b>					

HERBS

**SECTION 2: HAZARDS IDENTIFICATION**


**2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE** THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.

**CLASSIFICATION (67/548/EEC)** NO ADDITIONAL DATA AVAILABLE.

**CLASSIFICATION (EU 1272/2008)**  
 FLAMMABLE LIQUID, HAZARD CATEGORY 3  
 SKIN CORROSION / IRRITATION CATEGORY 1B  
 EYE DAMAGE / IRRITATION CATEGORY 1  
 SENSITIZATION - SKIN CATEGORY 1  
 TOXIC TO REPRODUCTION CATEGORY 2  
 ASPIRATION HAZARD CATEGORY 1  
 HAZARDOUS TO THE AQUATIC ENVIRONMENT - LONG-TERM HAZARD CATEGORY 2  
 H226, FLAMMABLE LIQUID AND VAPOUR.  
 H304, MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.  
 H314, CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.  
 H317, MAY CAUSE AN ALLERGIC SKIN REACTION.  
 H361, SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD (EXPOSURE ROUTE).  
 H411, TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

**2.2 LABEL ELEMENTS** LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.

**GHS LABEL**



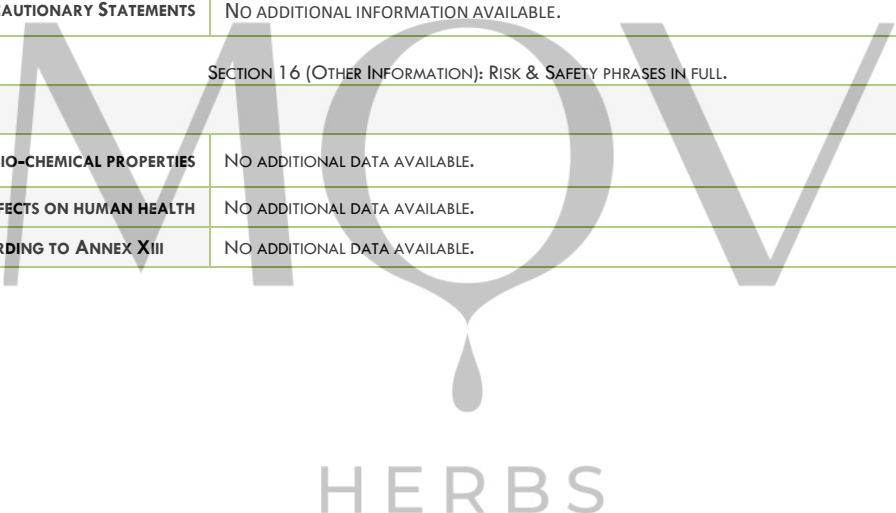
GHS02      GHS05      GHS07      GHS08  
 GHS09

**SIGNAL WORD** DANGER.

**CONTAINS** -

**HAZARDS STATEMENT**  
 H226, FLAMMABLE LIQUID AND VAPOUR.  
 H304, MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.  
 H314, CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.  
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 H361, SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD (EXPOSURE ROUTE).  
 H411, TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

**PRECAUTIONARY STATEMENTS**  
 P210, KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES. - NO SMOKING.  
 P233, KEEP CONTAINER TIGHTLY CLOSED.  
 P240, GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT.  
 P241, USE EXPLOSION-PROOF ELECTRICAL, VENTILATING AND LIGHTING EQUIPMENT.  
 P242, USE ONLY NON-SPARKING TOOLS.  
 P243, TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE.  
 P260, DO NOT BREATHE VAPOUR OR DUST.  
 P264, WASH HANDS AND OTHER CONTACTED SKIN THOROUGHLY AFTER HANDLING.  
 P272, CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE.  
 P273, AVOID RELEASE TO THE ENVIRONMENT.  
 P280, WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.  
 P301/310, IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN.  
 P301/330/331, IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING.  
 P303/361/353, IF ON SKIN (OR HAIR): REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING.

	<p>RINSE SKIN WITH WATER/SHOWER.</p> <p>P304/340, IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING.</p> <p>P305/351/338, IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.</p> <p>P308/313, IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION.</p> <p>P310, IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN.</p> <p>P331, DO NOT INDUCE VOMITING.</p> <p>P333/313, IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.</p> <p>P363, WASH CONTAMINATED CLOTHING BEFORE REUSE.</p> <p>P370/378, IN CASE OF FIRE: USE CARBON DIOXIDE, DRY CHEMICAL, FOAM FOR EXTINCTION.</p> <p>P391, COLLECT SPILLAGE.</p> <p>P403/235, STORE IN A WELL-VENTILATED PLACE. KEEP COOL.</p> <p>P405, STORE LOCKED UP.</p> <p>P501, DISPOSE OF CONTENTS/CONTAINER TO APPROVED DISPOSAL SITE, IN ACCORDANCE WITH LOCAL REGULATIONS.</p> <p>P202, DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.</p>
<b>SUPPLEMENTARY PRECAUTIONARY STATEMENTS</b>	NO ADDITIONAL INFORMATION AVAILABLE.
SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.	
<b>2.3 OTHER HAZARDS</b>	
<b>ADVERSE PHYSIO-CHEMICAL PROPERTIES</b>	NO ADDITIONAL DATA AVAILABLE.
<b>ADVERSE EFFECTS ON HUMAN HEALTH</b>	NO ADDITIONAL DATA AVAILABLE.
<b>PBT OR vPvB ACCORDING TO ANNEX XIII</b>	NO ADDITIONAL DATA AVAILABLE.
	
<b>SECTION 3: COMPOSITION OF INGREDIENTS</b>	
<b>3.2 MIXTURES</b>	<p>≤ <b>38% LINALOOL</b> CAS-No: 78-70-6 EC-No: 201-134-4 CLASSIFICATION (EC 1272/2008): SKIN IRRIT. 2-EYE IRRIT. 2- SKIN SENS. 1B;H315- H317-H319,-</p> <p>≤ <b>23% L-BORNEOL</b> CAS-No: 464-45-9 EC-No: 207-353-1 CLASSIFICATION (EC 1272/2008): FLAM. SOL. 1-SKIN IRRIT. 2;H228-H315,-</p> <p>≤ <b>9% ALPHA-TERPINEOL</b> CAS-No: 98-55-5 EC-No: 202-680-6 CLASSIFICATION (EC 1272/2008): SKIN IRRIT. 2-EYE IRRIT. 2; H315-H319,-</p> <p>≤ <b>7% CAMPHENE</b> CAS-No: 79-92-5 EC-No: 201-234-8 CLASSIFICATION (EC 1272/2008): FLAM. SOL. 2-AQUATIC ACUTE 1-AQUATIC CHRONIC 1;H320-H228-H410,-</p> <p>≤ <b>6.5% CARVACROL</b> CAS-No: 499-75-2 EC-No: 207-889-6 CLASSIFICATION (EC 1272/2008): ACUTE TOX. 4-SKIN IRRIT. 2-EYE IRRIT. 2-SKIN SENS. 1B;H302-H315 H317- H319,-</p> <p>≤ <b>5.5% BETA-CARYOPHYLLENE</b> CAS-No: 87-44-5 EC-No: 201-746-1 CLASSIFICATION (EC 1272/2008): SKIN SENS. 1B-ASP. TOX 1-AQUATIC CHRONIC 4; H304-H317-H413,-</p>

**≤ 5% THYMOL** CAS-No: 89-83-8 EC-No: 201-944-8  
 CLASSIFICATION (EC 1272/2008): ACUTE TOX. 4-SKIN CORR. 1B-EYE DAM. 1-AQUATIC CHRONIC 2;H302-H314- H411,-

**≤ 4.5 % ALPHA-PINENE** CAS-No: 80-56-8 EC-No: 201-291-9  
 CLASSIFICATION (EC 1272/2008): FLAM. LIQ. 3-ACUTE TOX. 4-SKIN IRRIT. 2-SKIN SENS. 1B-ASP. TOX 1 - AQUATIC ACUTE 1- AQUATIC CHRONIC 1; H226-H302-H304- H315-H317-H410,-

**≤ 4% P-CYMENE** CAS-No: 99-87-6 EC-No: 202-796-7  
 CLASSIFICATION (EC 1272/2008): FLAM. LIQ. 3-REPR. 2- ASP. TOX 1-AQUATIC CHRONIC 2;H226-H304-H361-H411,

**≤ 3% P-MENTHA-1,4-DIENE** CAS-No: 99-85-4 EC-No: 202-794-6  
 CLASSIFICATION (EC 1272/2008): FLAM. LIQ. 3-REPR. 2- ASP. TOX 1;H226-H304- H361,-

**≤ 2% 4-CARVOMENTHENOL** CAS-No: 562-74-3 EC-No: 209-235-5  
 CLASSIFICATION (EC 1272/2008): ACUTE TOX. 4-SKIN IRRIT. 2-EYE IRRIT. 2;H302- H315-H319,-

**≤ 1.5% EUCALYPTOL** CAS-No: 470-82-6 EC-No: 207-431-5  
 CLASSIFICATION (EC 1272/2008): FLAM. LIQ. 3-SKIN SENS. 1B;H226-H317,-

**≤ 1.5% CAMPHOR** CAS-No: 76-22-2 EC-No: 200-945-0  
 CLASSIFICATION (EC 1272/2008): FLAM. SOL. 2-ACUTE TOX. 4-ACUTE TOX. 4-SKIN IRRIT. 2-EYE DAM. 1- STOT SE 2-AQUATIC CHRONIC 2;H228-H302- H315-H318-H332- H371-H411,-

**≤ 1.5% P-MENTHA-1,3-DIENE** CAS-No: 99-86-5 EC-No: 202-795-1  
 CLASSIFICATION (EC 1272/2008): FLAM. LIQ. 3-ACUTE TOX. 4-ASP. TOX 1-AQUATIC CHRONIC 2;H226-H302- H304-H411,-

**≤ 1.5% BETA-PINENE** CAS-No: 127-91-3 EC-No: 204-872-5  
 CLASSIFICATION (EC 1272/2008): FLAM. LIQ. 3-SKIN IRRIT. 2-SKIN SENS. 1B-ASP. TOX 1-AQUATIC ACUTE 1- AQUATIC CHRONIC 1; H226-H304-H315- H317-H410,-

**≤ 1.5% L-LIMONENE** CAS-No: 5989-54-8 EC-No: 227-815-6  
 CLASSIFICATION (EC 1272/2008): FLAM. LIQ. 3-SKIN IRRIT. 2-SKIN SENS. 1B-ASP. TOX 1-AQUATIC ACUTE 1- AQUATIC CHRONIC 1; H226-H304-H315- H317-H410,-

**≤ 1.0% TERPINOLENE** CAS-No: 586-62-9 EC-No: 209-578-0  
 CLASSIFICATION (EC 1272/2008): SKIN SENS. 1B-ASP. TOX 1-AQUATIC ACUTE 1- AQUATIC CHRONIC 1; H304-H317-H410,-

**≤ 1.0% MYRCENE** CAS-No: 123-35-3 EC-No: 204-622-5  
 CLASSIFICATION (EC 1272/2008): FLAM. LIQ. 3-SKIN IRRIT. 2-EYE IRRIT. 2-ASP. TOX 1-AQUATIC ACUTE 1- AQUATIC CHRONIC 2; H226-H304-H315- H319-H400-H411,-

## SECTION 4: FIRST AID MEASURES

4.1	
<b>DESCRIPTION OF FIRST AID MEASURES</b>	
<b>GENERAL INFORMATION</b>	ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY. CALL A PHYSICIAN IMMEDIATELY.
<b>INHALATION</b>	GET MEDICAL ATTENTION IMMEDIATELY. REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND OBTAIN MEDICAL ATTENTION.
<b>INGESTION</b>	GET MEDICAL ATTENTION IMMEDIATELY. DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL ATTENTION.
<b>SKIN CONTACT</b>	REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS.

<b>EYE CONTACT</b>	RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION
<b>4.2</b> MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED)	MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. MAY CAUSE AN ALLERGIC SKIN REACTION. SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD (EXPOSURE ROUTE)
<b>4.3</b> INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	NONE EXPECTED, SEE SECTION 4.1 FOR FURTHER INFORMATION

## SECTION 5: FIRE FIGHTING MEASURES

<b>5.1</b> EXTINGUISHING MATERIAL	FOAM, CO2, DRY CHEMICAL POWDER.
<b>5.2</b> SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	IN CASE OF FIRE, MAY BE LIBERATED: CARBON MONOXIDE, UNIDENTIFIED ORGANIC COMPOUNDS
<b>5.3</b> ADVICE FOR FIRE-FIGHTERS	IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>6.1</b> PERSONAL PRECAUTIONS	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN, EYES AND CLOTHING.
<b>6.2</b> ENVIRONMENTAL PRECAUTIONS	DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.
<b>6.3</b> METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP	REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN SPILLAGE IMMEDIATELY BY USE OF SAND OR INERT POWDER. DISPOSE OF ACCORDING TO LOCAL REGULATIONS.
<b>6.4</b> REFERENCES TO OTHER SECTIONS	REFER & CONSIDER SECTION 8. REFER & CONSIDER SECTION 13.

## SECTION 7: HANDLING & STORAGE

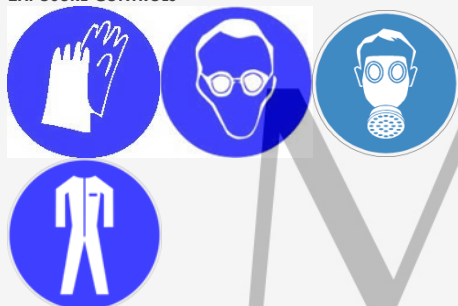
<b>7.1</b> PRECAUTIONS FOR SAFE-HANDLING	ENSURE GOOD VENTILATION OF THE WORK STATION. KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. NO SMOKING. WEAR PERSONAL PROTECTIVE EQUIPMENT. AVOID CONTACT WITH SKIN AND EYES. WASH CONTAMINATED CLOTHING BEFORE REUSE. CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE. DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. ALWAYS WASH HANDS AFTER HANDLING THE PRODUCT.
<b>7.2</b> CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	KEEP THE PRODUCT CONTAINER TIGHTLY CLOSED, IN A DRY, VENTILATED AREA. KEEP AWAY FROM POTENTIAL SOURCES OF IGNITION AND PROTECTED FROM LIGHT. MAINTAIN LIMITED CONTACT WITH OXYGEN.
<b>7.3</b> SPECIFIC END USE(S)	FLAVOURS, FRAGRANCES: USE IN ACCORDANCE WITH GOOD MANUFACTURING AND INDUSTRIAL HYGIENE PRACTICES.

## SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS: WORKPLACE EXPOSURE LIMITS:

COMPONENT	CAS	EC	DESCRIPTION	VALUE
CAMPHOR	76-22-2	200-945-0	LONG-TERM EXPOSURE LIMIT (8-HOUR TWA) (PPM)	2
			LONG-TERM EXPOSURE LIMIT (8-HOUR TWA) (MG/M3)	13
			SHORT-TERM EXPOSURE LIMIT (15-MINUTE) (PPM)	3
			SHORT-TERM EXPOSURE LIMIT (15-MINUTE) (MG/M3)	19

### 8.2 EXPOSURE CONTROLS



#### Eye Protection

CHEMICAL GOGGLES OR FACE SHIELD. SAFETY GLASSES

#### Hand Protection

MANDATORY HAND PROTECTION.  
 PPE: PROTECTIVE GLOVES AGAINST MINOR RISKS.  
 LABELLING: **CE CAT I**  
 CEN STANDARD: EN 374-1:2003, EN 374-3:2003/AC:2006, EN 420:2003+A1:2009  
 REMARKS: THE BREAKTHROUGH TIME INDICATED BY THE MANUFACTURER MUST EXCEED THE PERIOD DURING WHICH THE PRODUCT IS BEING USED. DO NOT USE PROTECTIVE CREAMS AFTER THE PRODUCT HAS COME INTO CONTACT WITH SKIN.

#### Respiratory Equipment

IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT. [IN CASE OF INADEQUATE VENTILATION] WEAR RESPIRATORY PROTECTION.

#### Hygiene Measures

GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.

#### Engineering Measures

PROVIDE ADEQUATE VENTILATION.

#### Skin Protection

PPE: WORK CLOTHING  
 LABELLING: **CE CAT I**

#### Personal Protection

USE PERSONAL PROTECTION ACCORDING TO DIRECTIVE 89/686/EEC.

#### Other Protection

PPE: ANTI-SLIP WORK SHOES  
 LABELLING: **CE CAT I**  
 CEN STANDARD: EN ISO 20347:2012

#### Process Conditions

ENSURE AREA IS WELL VENTILATED. AVOID VAPOUR INHALATION. SAFETY SHOWER & EYE BATH.

#### Environmental Exposure Controls

AVOID RELEASE TO THE ENVIRONMENT.



<b>SECTION 9: PHYSICAL &amp; CHEMICAL PROPERTIES</b>	
<b>9.1</b> <b>PHYSICAL &amp; CHEMICAL PROPERTIES</b>	
<b>APPEARANCE</b>	LIQUID
<b>COLOUR</b>	COLORLESS – PALE YELLOW – RED
<b>ODOUR</b>	CHARACTERISTIC
<b>RELATIVE DENSITY</b>	0.872 – 0.937 @ 20°C
<b>FLASH POINT (°C)</b>	55°C
<b>REFRACTIVE INDEX @ 20 °C</b>	1.468 – 1.504 @ 20°C
<b>SOLUBILITY IN WATER @ 20 °C</b>	INSOLUBLE IN WATER.
<b>9.2</b> <b>OTHER INFORMATION</b>	NO DATA.
<b>9.2.1</b> <b>INFORMATION WITH REGARD TO PHYSICAL HAZARD CLASSES</b>	NO DATA.
<b>9.2.2</b> <b>OTHER SAFETY CHARACTERISTICS</b>	NO DATA.
<b>SECTION 10: STABILITY &amp; REACTIVITY</b>	
<b>10.1</b> <b>REACTIVITY</b>	PRESENTS NO SIGNIFICANT REACTIVITY HAZARD, BY ITSELF OR IN CONTACT WITH WATER.
<b>10.2</b> <b>CHEMICAL STABILITY</b>	GOOD STABILITY UNDER NORMAL STORAGE CONDITIONS.
<b>10.3</b> <b>POSSIBILITY OF HAZARDOUS REACTIONS</b>	NOT EXPECTED UNDER NORMAL CONDITIONS OF USE.
<b>10.4</b> <b>CONDITIONS TO AVOID</b>	AVOID EXTREME HEAT.
<b>10.5</b> <b>INCOMPATIBLE MATERIALS</b>	AVOID CONTACT WITH STRONG ACIDS, ALKALIS OR OXIDISING AGENTS.
<b>10.6</b> <b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	UNDER NORMAL CONDITIONS OF STORAGE AND USE, HAZARDOUS DECOMPOSITION PRODUCTS SHOULD NOT BE PRODUCED.

<b>SECTION 11: TOXICOLOGICAL INFORMATION</b>	
<b>11.1</b> <b>TOXICOLOGICAL EFFECTS</b>	
<b>ACUTE TOXICITY</b>	BASED ON AVAILABLE DATA THE CLASSIFICATION CRITERIA ARE NOT MET. ACUTE TOXICITY ORAL 2840 MG/KG ACUTE TOXICITY DERMAL >5000 ACUTE TOXICITY INHALATION NOT AVAILABLE
<b>SKIN IRRITATION</b>	SKIN CORROSION / IRRITATION CATEGORY 1B
<b>EYE DAMAGE OR IRRITATION</b>	EYE DAMAGE / IRRITATION CATEGORY 1
<b>RESPIRATORY OR SKIN SENSITIVITY</b>	SENSITIZATION - SKIN CATEGORY 1

<b>GERM CELL MUTAGENICITY</b>	BASED ON AVAILABLE DATA THE CLASSIFICATION CRITERIA ARE NOT MET.																																																	
<b>CARCINOGENICITY</b>	BASED ON AVAILABLE DATA THE CLASSIFICATION CRITERIA ARE NOT MET.																																																	
<b>REPRODUCTIVE TOXICITY</b>	TOXIC TO REPRODUCTION CATEGORY 2																																																	
<b>STOT – SINGLE EXPOSURE</b>	BASED ON AVAILABLE DATA THE CLASSIFICATION CRITERIA ARE NOT MET.																																																	
<b>STOT – REPEATED EXPOSURE</b>	BASED ON AVAILABLE DATA THE CLASSIFICATION CRITERIA ARE NOT MET.																																																	
<b>ASPIRATION HAZARD</b>	ASPIRATION HAZARD CATEGORY 1																																																	
<b>11.2 INFORMATION ON OTHER HAZARDS</b>	<p>Information about hazardous ingredients in the mixture</p> <table border="1"> <thead> <tr> <th>Component</th> <th>CAS</th> <th>EC</th> <th>LD50/ATE Oral</th> <th>LD50/ATE Dermal</th> <th>LC50/ATE Inhalation</th> <th>LC50 Route</th> </tr> </thead> <tbody> <tr> <td>4-Carvomenthenol</td> <td>562-74-3</td> <td>209-235-5</td> <td>1300</td> <td>2500</td> <td>Not available</td> <td>Not available</td> </tr> <tr> <td>Camphor</td> <td>76-22-2</td> <td>200-945-0</td> <td>1500</td> <td>Not available</td> <td>1.5</td> <td>Dust/mist mg/l</td> </tr> <tr> <td>Carvacrol</td> <td>499-75-2</td> <td>207-889-6</td> <td>810</td> <td>Not available</td> <td>Not available</td> <td>Not available</td> </tr> <tr> <td>Thymol</td> <td>89-83-8</td> <td>201-944-8</td> <td>980</td> <td>Not available</td> <td>Not available</td> <td>Not available</td> </tr> <tr> <td>alpha-Pinene</td> <td>80-56-8</td> <td>201-291-9</td> <td>500</td> <td>Not available</td> <td>Not available</td> <td>Not available</td> </tr> <tr> <td>p-Mentha-1,3-diene</td> <td>99-86-5</td> <td>202-795-1</td> <td>1680</td> <td>Not available</td> <td>Not available</td> <td>Not available</td> </tr> </tbody> </table>	Component	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route	4-Carvomenthenol	562-74-3	209-235-5	1300	2500	Not available	Not available	Camphor	76-22-2	200-945-0	1500	Not available	1.5	Dust/mist mg/l	Carvacrol	499-75-2	207-889-6	810	Not available	Not available	Not available	Thymol	89-83-8	201-944-8	980	Not available	Not available	Not available	alpha-Pinene	80-56-8	201-291-9	500	Not available	Not available	Not available	p-Mentha-1,3-diene	99-86-5	202-795-1	1680	Not available	Not available	Not available
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<b>SECTION 12: ECOLOGICAL INFORMATION</b>																																																		
<b>12.1 TOXICITY</b>	TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.																																																	
<b>12.2 PERSISTENCE &amp; DEGRADABILITY</b>	NO ADDITIONAL INFORMATION AVAILABLE.																																																	
<b>12.3 BIO- ACCUMULATIVE POTENTIAL</b>	NO ADDITIONAL INFORMATION AVAILABLE.																																																	
<b>12.4 MOBILITY IN SOIL</b>	NO ADDITIONAL INFORMATION AVAILABLE.																																																	
<b>12.5 RESULTS OF PBT &amp; VPVB ASSESSMENT</b>	THIS SUBSTANCE DOES NOT MEET THE PBT/VPVB CRITERIA OF REACH, ANNEX XIII.																																																	
<b>12.6 ENDOCRINE DISRUPTING PROPERTIES</b>	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.																																																	
<b>12.7 OTHER ADVERSE EFFECTS</b>	NO ADDITIONAL INFORMATION AVAILABLE																																																	
<b>SECTION 13: DISPOSAL INFORMATION</b>																																																		
<b>13.1 WASTE TREATMENT METHODS</b>	DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS. AVOID DISPOSING INTO DRAINAGE SYSTEMS AND INTO THE ENVIRONMENT. EMPTY CONTAINERS SHOULD BE TAKEN TO AN APPROVED WASTE HANDLING SITE FOR RECYCLING OR DISPOSAL.																																																	

<b>SECTION 14: TRANSPORT INFORMATION</b>	
<b>14.1 TRANSPORT INFORMATION</b>	
<b>UN NUMBER</b>	ROAD: 2924 RAIL: 2924 AIR: 2924
<b>14.2 UN SHIPPING NAME</b>	FLAMMABLE LIQUID, CORROSIVE, N.O.S.
<b>14.3 TRANSPORT HAZARD CLASS(ES)</b>	ADR/RID/ADN Class: 3 (8)



	<p>IMDG CLASS: 3 (8)          ICAO CLASS/DIVISION: 3 (8)</p> <p>TRANSPORT LABELS</p> 
14.4 PACKING GROUP	<p>ADR/RID/ADN PACKING GROUP II          IMDG PACKING GROUP II          ICAO PACKING GROUP II</p>
14.5 ENVIROMENTAL HAZARDS	<p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT</p> 
14.6 SPECIAL PRECAUTIONS FOR USER	NO ADDITIONAL INFORMATION AVAILABLE.
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.	NOT APPLICABLE.
<b>SECTION 15: REGULATORY INFORMATION</b>	
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION	
EU DIRECTIVES	REGULATION (EC) NO 2020/878 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 <sup>TH</sup> DECEMBER 2006. CONCERNING THE REGISTRATION, EVALUATION, AUTHORIZATION & RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICALS AGENCY, AMENDING DIRECTIVE 1999/45/EC AND REPEALING COUNCIL REGULATION (EEC) NO793/93 & COMMISSION REGULATION (EC) NO 1488/94 AS WELL AS COUNCIL DIRECTIVE 76/769/EEC & COMMISSION DIRECTIVE 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (INCLUDING AMENDMENTS).
STATUTORY INSTRUMENTS	THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 NO 716).
APPROVED CODE OF PRACTICE	CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.
GUIDANCE NOTES	WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.
15.2 CHEMICAL SAFETY ASSESSMENT	A CHEMICAL SAFETY ASSESSMENT HAS NOT BEEN CARRIED OUT FOR THIS PRODUCT.

## SECTION 16: OTHER INFORMATION

HAZARD AND/ OR PRECAUTIONARY STATEMENTS IN FULL

H226, FLAMMABLE LIQUID AND VAPOUR.  
 H304, MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.  
 H314, CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.  
 H317, MAY CAUSE AN ALLERGIC SKIN REACTION.  
 H361, SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD (EXPOSURE ROUTE).  
 H411, TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.  
 P210, KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES. - NO SMOKING.  
 P233, KEEP CONTAINER TIGHTLY CLOSED.  
 P240, GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT.  
 P241, USE EXPLOSION-PROOF ELECTRICAL, VENTILATING AND LIGHTING EQUIPMENT.  
 P242, USE ONLY NON-SPARKING TOOLS.  
 P243, TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE.  
 P260, DO NOT BREATHE VAPOUR OR DUST.  
 P264, WASH HANDS AND OTHER CONTACTED SKIN THOROUGHLY AFTER HANDLING.  
 P272, CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE.  
 P273, AVOID RELEASE TO THE ENVIRONMENT.  
 P280, WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.  
 P301/310, IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN.  
 P301/330/331, IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING.  
 P303/361/353, IF ON SKIN (OR HAIR): REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER.  
 P304/340, IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING.  
 P305/351/338, IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.  
 P308/313, IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION.  
 P310, IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN.  
 P331, DO NOT INDUCE VOMITING.  
 P333/313, IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.  
 P363, WASH CONTAMINATED CLOTHING BEFORE REUSE.  
 P370/378, IN CASE OF FIRE: USE CARBON DIOXIDE, DRY CHEMICAL, FOAM FOR EXTINCTION.  
 P391, COLLECT SPILLAGE.  
 P403/235, STORE IN A WELL-VENTILATED PLACE. KEEP COOL. P405, STORE LOCKED UP.  
 P501, DISPOSE OF CONTENTS/CONTAINER TO APPROVED DISPOSAL SITE, IN ACCORDANCE WITH LOCAL REGULATIONS.  
 P202, DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.

**TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.**

### ABBREVIATIONS & ACRONYMS:

<b>MSDS</b>	MATERIAL SAFETY DATA SHEET.
<b>INCI</b>	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS.
<b>CAS</b>	CHEMICAL ABSTRACT SERVICE.
<b>IMDG</b>	INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS.
<b>ADR</b>	ACCORD EUROPEAN SUR LE TRANSPORT DES MARCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD).
<b>RID</b>	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL.
<b>ICAO</b>	INTERNATIONAL CIVIL AVIATION ORGANIZATION.
<b>ADN</b>	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS.

<b>GHS</b>	GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS.
<b>TREM CARD</b>	TRANSPORT EMERGENCY CARD.
<b>STOT</b>	SPECIFIC TARGET ORGAN TOXICITY.

<b>DOCUMENTATION REVISION</b>	
<b>DATE</b>	<b>CHANGE DESCRIPTION</b>
10/04/2018	DATA LAUNCH
16/12/2021	REVIEW
10/02/2022	REVIEW
15/03/2022	REVIEW
JANUARY 2023	REVIEW

