

## Material Safety Data Sheet

EU Regulation: 1907/2006



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

#### 1.1 PRODUCT IDENTIFICATION

<b>PRODUCT NAME</b>	Essential oils - Lavender - Etherische olie - Lavendel				
<b>BIOLOGICAL DEFINITION</b>	BLENDED MIXTURE OF LAVENDER OILS (LAVANDULA ANGUSTIFOLIA L.), AND OTHER LAVANDULA SPP. AND FRACTIONS THEREOF. THE ESTER CONTENT IS MAINTAINED AT 40-42% BY ADJUSTMENT WITH LINALYL ACETATE.				
<b>INCI NAME</b>	LAVANDULA ANGUSTIFOLIA FLOWER OIL				
<b>SYNONYMS &amp; TRADE NAMES</b>	-				
<b>INTERNAL PRODUCT CODE</b>	SQ0150251 - EO014				
<b>CAS-No</b>	90063-37-9	<b>EC No.</b>	289-995-2	<b>EINECS No.</b>	289-995-2

#### 1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

<b>COMPANY ADDRESS</b>	SoapQueen vof Veilingdreef 20 4614RX Bergen op Zoom
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SECTION 2: HAZARDS IDENTIFICATION	
<b>2.1</b>	
<b>CLASSIFICATION OF THE SUBSTANCE OR MIXTURE</b>	THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.
<b>CLASSIFICATION (67/548/EEC)</b>	NO ADDITIONAL DATA AVAILABLE.
<b>CLASSIFICATION (EU1272/2008)</b>	SKIN IRRITATION, CATEGORY 2 (SKIN IRRIT. 2, H315). EYE IRRITATION, CATEGORY 2 (EYE IRRIT. 2, H319). SKIN SENSITISATION, CATEGORY 1B (SKIN SENS. 1B, H317). HAZARDOUS TO THE AQUATIC ENVIRONMENT - CHRONIC HAZARD, CATEGORY 2 (AQUATIC CHRONIC 2, H411). THIS MIXTURE DOES NOT PRESENT A PHYSICAL HAZARD. REFER TO THE RECOMMENDATIONS REGARDING THE OTHER PRODUCTS PRESENT ON THE SITE..
<b>2.2</b>	
<b>LABEL ELEMENTS</b>	LABEL IN ACCORDANCE WITH REGULATION (EC) No 1272/2008.
<b>GHS LABEL</b>	  GHS07                      GHS09
<b>SIGNAL WORD</b>	WARNING.
<b>CONTAINS</b>	601-029-00-7 (R)-P-MENTHA-1,8-DIENE EC 207-431-5 EUCALYPTOL.
<b>HAZARDS STATEMENT</b>	H315 CAUSES SKIN IRRITATION. H317 MAY CAUSE AN ALLERGIC SKIN REACTION. H319 CAUSES SERIOUS EYE IRRITATION. H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
<b>PRECAUTIONARY STATEMENTS</b>	P273 AVOID RELEASE TO THE ENVIRONMENT. P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.
<b>SUPPLEMENTARY PRECAUTIONARY STATEMENTS</b>	P302 + P352 IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER. P305 + P351 + P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. P333 + P313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION. P391 COLLECT SPILLAGE. P501 DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS
SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.	
<b>2.3</b>	
<b>OTHER HAZARDS</b>	
<b>ADVERSE PHYSIO-CHEMICAL PROPERTIES</b>	COMBUSTIBLE BUT SHOULD NOT SELF-IGNITE.
<b>ADVERSE EFFECTS ON HUMAN HEALTH</b>	SKIN CONTACT MAY CAUSE IRRITATION/SENSITISATION.
<b>PBT OR vPvB ACCORDING TO ANNEX XIII</b>	NONE

## SECTION 3: COMPOSITION OF INGREDIENTS

<b>3.2 MIXTURES</b>	<p><b>25-50% LINALOOL</b> CAS-No.: 78-70-6 EC No.: 201-134-4 CLASSIFICATION (EC 1272/2008) ACUTE TOX. 5 - H303, SKIN IRRIT. 2 - H315, AQUATIC ACUTE 3 - H402</p> <p><b>40-50% LINALYL ACETATE</b> CAS: 115-95-7, EINECS: 204-116-4 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2, H315; EYE IRRIT. 2, H319</p> <p><b>2.5-10% (R)-P-MENTHA-1,8-DIENE</b> CAS: 5989-27-5, EC: 227-813-5 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3, H226, SKIN IRRIT. 2, H315, SKIN SENS. 1, H317, AQUATIC ACUTE 1, H400 M ACUTE = 1, AQUATIC CHRONIC 1, H410 M CHRONIC = 1</p> <p><b>&lt;2.5% EUCALYPTOL</b> CAS-No.: 4602-84-0 EC No.: 225-004-1 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3, H226; SKIN SENS. 1B, H317</p> <p><b>&lt;2.5% CAMPHOR</b> CAS: 76-22-2, EC: 200-945-0 CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4, H332, ACUTE TOX. 4, H302, FLAM. SOL. 2, H228, STOT SE 2, H371</p>
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## SECTION 4: FIRST AID MEASURES

<b>4.1</b>									
<b>DESCRIPTION OF FIRST AID MEASURES</b>									
<b>GENERAL INFORMATION</b>	ALWAYS REMOVE CONTAMINATED CLOTHING 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. 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>	FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN IF SYMPTOMS PERSIST.								
<b>4.2</b>									
<b>MOST IMPORTANT SYMPTOMS &amp; EFFECTS (ACUTE &amp; DELAYED)</b>	<table border="0"> <tr> <td>INHALATION</td> <td>MAY CAUSE COUGHING AND DIFFICULTIES IN BREATHING.</td> </tr> <tr> <td>INGESTION</td> <td>IRRITATING TO THE RESPIRATORY TRACT AND MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM.</td> </tr> <tr> <td>SKIN CONTACT</td> <td>TOXIC IN CONTACT WITH SKIN.</td> </tr> <tr> <td>EYE CONTACT</td> <td>MAY CAUSE EYE IRRITATION.</td> </tr> </table>	INHALATION	MAY CAUSE COUGHING AND DIFFICULTIES IN BREATHING.	INGESTION	IRRITATING TO THE RESPIRATORY TRACT AND MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM.	SKIN CONTACT	TOXIC IN CONTACT WITH SKIN.	EYE CONTACT	MAY CAUSE EYE IRRITATION.
INHALATION	MAY CAUSE COUGHING AND DIFFICULTIES IN BREATHING.								
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SKIN CONTACT	TOXIC IN CONTACT WITH SKIN.								
EYE CONTACT	MAY CAUSE EYE IRRITATION.								
<b>4.3</b>									
<b>INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED</b>	NONE EXPECTED, SEE SECTION 4.1 FOR FURTHER INFORMATION.								

<b>SECTION 5: FIRE FIGHTING MEASURES</b>	
<b>5.1 EXTINGUISHING MATERIAL</b>	FOAM, CO2, DRY CHEMICAL POWDER.
<b>5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE</b>	BURNING PRODUCES IRRITATING, TOXIC AND OBNOXIOUS FUMES
<b>5.3 ADVICE FOR FIRE-FIGHTERS</b>	SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING.
<b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b>	
<b>6.1 PERSONAL PRECAUTIONS</b>	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 ENVIRONMENTAL PRECAUTIONS</b>	DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.
<b>6.3 METHODS &amp; MATERIAL FOR CONTAINMENT AND CLEANING UP</b>	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 REFERENCES TO OTHER SECTIONS</b>	REFER & CONSIDER SECTION 8. REFER & CONSIDER SECTION 13.
<b>SECTION 7: HANDLING &amp; STORAGE</b>	
<b>7.1 PRECAUTIONS FOR SAFE-HANDLING</b>	HANDLE IN ACCORDANCE WITH GOOD HYGIENE AND SAFETY PRACTICE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES. - NO SMOKING. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. USE IN ACCORDANCE WITH GOOD MANUFACTURING AND INDUSTRIAL HYGIENE PRACTICES. USE IN AREAS WITH ADEQUATE VENTILATION DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT.
<b>7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES</b>	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 SPECIFIC END USE(S)</b>	NO DATA.
<b>SECTION 8: EXPOSURE CONTROLS &amp; PERSONAL PROTECTION</b>	

**8.1  
CONTROL PARAMETERS**

**Occupational exposure limits :**

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010)  
:

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
76-22-2	2 ppm	3 ppm	-	-	-

- France (INRS - ED984 :2008) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
76-22-2	2	12	-	-	-	-

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
76-22-2	2 ppm	3 ppm	-	-	-

**Derived no effect level (DNEL) or derived minimum effect level (DMEL):**

**LINALOOL (CAS: 78-70-6)**

**Final use: Workers.**

Exposure method: Dermal contact.

Potential health effects: Short term systemic effects.

DNEL : 5 mg/kg body weight/day

Exposure method: Dermal contact.

Potential health effects: Short term local effects.

DNEL : 15 MG OF SUBSTANCE/CM2

EXPOSURE METHOD: DERMAL CONTACT.

POTENTIAL HEALTH EFFECTS: LONG TERM SYSTEMIC EFFECTS.

DNEL : 2.5 MG/KG BODY WEIGHT/DAY

EXPOSURE METHOD: DERMAL CONTACT.

POTENTIAL HEALTH EFFECTS: LONG TERM LOCAL EFFECTS.

DNEL : 15 MG OF SUBSTANCE/CM2

EXPOSURE METHOD: INHALATION.

POTENTIAL HEALTH EFFECTS: SHORT TERM SYSTEMIC EFFECTS.

DNEL : 2.8 MG OF SUBSTANCE/M3

EXPOSURE METHOD: INHALATION.  
POTENTIAL HEALTH EFFECTS: SHORT TERM SYSTEMIC EFFECTS.  
DNEL : 16.5 MG OF SUBSTANCE/M3

EXPOSURE METHOD: INHALATION.  
POTENTIAL HEALTH EFFECTS: LONG TERM SYSTEMIC EFFECTS.  
DNEL : 2.8 MG OF SUBSTANCE/M3

**FINAL USE: CONSUMERS.**

EXPOSURE METHOD: INGESTION.  
POTENTIAL HEALTH EFFECTS: SHORT TERM SYSTEMIC EFFECTS.  
DNEL : 1.2 MG/KG BODY WEIGHT/DAY

EXPOSURE METHOD: INGESTION.  
POTENTIAL HEALTH EFFECTS: LONG TERM SYSTEMIC EFFECTS.  
DNEL : 0.2 MG/KG BODY WEIGHT/DAY

EXPOSURE METHOD: INGESTION.  
POTENTIAL HEALTH EFFECTS: SHORT TERM SYSTEMIC EFFECTS.  
DNEL : 1.2 MG/KG BODY WEIGHT/DAY

EXPOSURE METHOD: INGESTION.  
POTENTIAL HEALTH EFFECTS: LONG TERM SYSTEMIC EFFECTS.  
DNEL : 0.2 MG/KG BODY WEIGHT/DAY

EXPOSURE METHOD: DERMAL CONTACT.  
POTENTIAL HEALTH EFFECTS: SHORT TERM SYSTEMIC EFFECTS.  
DNEL : 2.5 MG/KG BODY WEIGHT/DAY

EXPOSURE METHOD: DERMAL CONTACT.  
POTENTIAL HEALTH EFFECTS: SHORT TERM LOCAL EFFECTS.  
DNEL : 15 MG OF SUBSTANCE/CM2

EXPOSURE METHOD: DERMAL CONTACT.  
POTENTIAL HEALTH EFFECTS: LONG TERM SYSTEMIC EFFECTS.  
DNEL : 1.25 MG/KG BODY WEIGHT/DAY

EXPOSURE METHOD: DERMAL CONTACT.  
POTENTIAL HEALTH EFFECTS: LONG TERM LOCAL EFFECTS.  
DNEL : 15 MG OF SUBSTANCE/CM2

EXPOSURE METHOD: DERMAL CONTACT.  
POTENTIAL HEALTH EFFECTS: SHORT TERM SYSTEMIC EFFECTS.  
DNEL : 2.5 MG/KG BODY WEIGHT/DAY

EXPOSURE METHOD: DERMAL CONTACT.  
POTENTIAL HEALTH EFFECTS: SHORT TERM LOCAL EFFECTS.

**OCCUPATIONAL EXPOSURE LIMITS :**

- ACGIH TLV (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS, THRESHOLD LIMIT VALUES, 2010) :

CAS	TWA :	STEL :	CEILING :	DEFINITION :	CRITERIA :
76-22-2	2 PPM	3 PPM	-	-	-

- FRANCE (INRS - ED984 :2008) :

CAS	VME-PPM :	VME-MG/M3 :	VLE-PPM :	VLE-MG/M3 :	NOTES :	TMP No :
76-22-2	2	12	-	-	-	-

- UK / WEL (WORKPLACE EXPOSURE LIMITS, EH40/2005, 2007) :

CAS	TWA :	STEL :	CEILING :	DEFINITION :	CRITERIA :
76-22-2	2 PPM	3 PPM	-	-	-

**DERIVED NO EFFECT LEVEL (DNEL) OR DERIVED MINIMUM EFFECT LEVEL (DMEL):**

**LINALOOL (CAS: 78-70-6)**

**FINAL USE: WORKERS.**

EXPOSURE METHOD: DERMAL CONTACT.

POTENTIAL HEALTH EFFECTS: SHORT TERM SYSTEMIC EFFECTS.

DNEL : 5 MG/KG BODY WEIGHT/DAY

EXPOSURE METHOD: DERMAL CONTACT.

POTENTIAL HEALTH EFFECTS: SHORT TERM LOCAL EFFECTS.

DNEL : 15 MG OF SUBSTANCE/CM2

EXPOSURE METHOD: DERMAL CONTACT.

POTENTIAL HEALTH EFFECTS: LONG TERM SYSTEMIC EFFECTS.

DNEL : 2.5 MG/KG BODY WEIGHT/DAY

EXPOSURE METHOD: DERMAL CONTACT.

POTENTIAL HEALTH EFFECTS: LONG TERM LOCAL EFFECTS.

DNEL : 15 MG OF SUBSTANCE/CM2

EXPOSURE METHOD: DERMAL CONTACT.

POTENTIAL HEALTH EFFECTS: SHORT TERM SYSTEMIC EFFECTS.

DNEL : 5 MG/KG BODY WEIGHT/DAY

EXPOSURE METHOD: DERMAL CONTACT.

POTENTIAL HEALTH EFFECTS: SHORT TERM LOCAL EFFECTS.

DNEL : 15 MG OF SUBSTANCE/CM2

EXPOSURE METHOD: DERMAL CONTACT.

POTENTIAL HEALTH EFFECTS: LONG TERM SYSTEMIC EFFECTS.

DNEL : 2.5 MG/KG BODY WEIGHT/DAY

EXPOSURE METHOD: DERMAL CONTACT.

POTENTIAL HEALTH EFFECTS: LONG TERM LOCAL EFFECTS.

DNEL : 15 MG OF SUBSTANCE/CM2

EXPOSURE METHOD: INHALATION.

POTENTIAL HEALTH EFFECTS: SHORT TERM SYSTEMIC EFFECTS.

DNEL : 16.5 MG OF SUBSTANCE/M3

POTENTIAL HEALTH EFFECTS: SHORT TERM SYSTEMIC EFFECTS.  
DNEL : 16.5 MG OF SUBSTANCE/M3

EXPOSURE METHOD: INHALATION.  
POTENTIAL HEALTH EFFECTS: LONG TERM SYSTEMIC EFFECTS.  
DNEL : 2.8 MG OF SUBSTANCE/M3

**FINAL USE: CONSUMERS.**

EXPOSURE METHOD: INGESTION.  
POTENTIAL HEALTH EFFECTS: SHORT TERM SYSTEMIC EFFECTS.  
DNEL : 1.2 MG/KG BODY WEIGHT/DAY

EXPOSURE METHOD: INGESTION.  
POTENTIAL HEALTH EFFECTS: LONG TERM SYSTEMIC EFFECTS.  
DNEL : 0.2 MG/KG BODY WEIGHT/DAY

EXPOSURE METHOD: INGESTION.  
POTENTIAL HEALTH EFFECTS: SHORT TERM SYSTEMIC EFFECTS.  
DNEL : 1.2 MG/KG BODY WEIGHT/DAY

EXPOSURE METHOD: INGESTION.  
POTENTIAL HEALTH EFFECTS: LONG TERM SYSTEMIC EFFECTS.  
DNEL : 0.2 MG/KG BODY WEIGHT/DAY

EXPOSURE METHOD: DERMAL CONTACT.  
POTENTIAL HEALTH EFFECTS: SHORT TERM SYSTEMIC EFFECTS.  
DNEL : 2.5 MG/KG BODY WEIGHT/DAY

EXPOSURE METHOD: DERMAL CONTACT.  
POTENTIAL HEALTH EFFECTS: SHORT TERM LOCAL EFFECTS.  
DNEL : 15 MG OF SUBSTANCE/CM2

EXPOSURE METHOD: DERMAL CONTACT.  
POTENTIAL HEALTH EFFECTS: LONG TERM SYSTEMIC EFFECTS.  
DNEL : 1.25 MG/KG BODY WEIGHT/DAY

EXPOSURE METHOD: DERMAL CONTACT.  
POTENTIAL HEALTH EFFECTS: LONG TERM LOCAL EFFECTS.  
DNEL : 15 MG OF SUBSTANCE/CM2

EXPOSURE METHOD: DERMAL CONTACT.  
POTENTIAL HEALTH EFFECTS: SHORT TERM SYSTEMIC EFFECTS.  
DNEL : 2.5 MG/KG BODY WEIGHT/DAY

EXPOSURE METHOD: DERMAL CONTACT.  
POTENTIAL HEALTH EFFECTS: SHORT TERM LOCAL EFFECTS.  
DNEL : 15 MG OF SUBSTANCE/CM2

EXPOSURE METHOD: DERMAL CONTACT.



POTENTIAL HEALTH EFFECTS: LONG TERM LOCAL EFFECTS.  
DNEL : 15 MG OF SUBSTANCE/CM2

EXPOSURE METHOD: INHALATION.  
POTENTIAL HEALTH EFFECTS: SHORT TERM SYSTEMIC EFFECTS.  
DNEL : 4.1 MG OF SUBSTANCE/M3

EXPOSURE METHOD: INHALATION.  
POTENTIAL HEALTH EFFECTS: LONG TERM SYSTEMIC EFFECTS.  
DNEL : 0.7 MG OF SUBSTANCE/M3

EXPOSURE METHOD: INHALATION.  
POTENTIAL HEALTH EFFECTS: SHORT TERM SYSTEMIC EFFECTS.  
DNEL : 4.1 MG OF SUBSTANCE/M3

EXPOSURE METHOD: INHALATION.  
POTENTIAL HEALTH EFFECTS: LONG TERM SYSTEMIC EFFECTS.  
DNEL : 0.7 MG OF SUBSTANCE/M3

**PREDICTED NO EFFECT CONCENTRATION (PNEC):  
LINALOOL (CAS: 78-70-6)**

ENVIRONMENTAL COMPARTMENT: SOIL.  
PNEC : 0.327 MG/KG

ENVIRONMENTAL COMPARTMENT: SOIL.  
PNEC : 0.327 MG/KG

ENVIRONMENTAL COMPARTMENT: FRESH WATER.  
PNEC : 0.2 MG/L

ENVIRONMENTAL COMPARTMENT: FRESH WATER.  
PNEC : 0.2 MG/L

ENVIRONMENTAL COMPARTMENT: SEA WATER.  
PNEC : 0.02 MG/L

ENVIRONMENTAL COMPARTMENT: SEA WATER.  
PNEC : 0.02 MG/L

ENVIRONMENTAL COMPARTMENT: INTERMITTENT WASTE WATER.  
PNEC : 2 MG/L

ENVIRONMENTAL COMPARTMENT: INTERMITTENT WASTE WATER.  
PNEC : 2 MG/L

ENVIRONMENTAL COMPARTMENT: FRESH WATER SEDIMENT.  
PNEC : 2.22 MG/KG

ENVIRONMENTAL COMPARTMENT: FRESH WATER SEDIMENT.  
PNEC : 2.22 MG/KG

	<p>ENVIRONMENTAL COMPARTMENT: MARINE SEDIMENT. PNEC : 0.222 MG/KG</p> <p>ENVIRONMENTAL COMPARTMENT: MARINE SEDIMENT. PNEC : 0.222 MG/KG</p> <p>ENVIRONMENTAL COMPARTMENT: WASTE WATER TREATMENT PLANT. PNEC : 10 MG/L</p> <p>ENVIRONMENTAL COMPARTMENT: WASTE WATER TREATMENT PLANT. PNEC : 10 MG/L</p>
<p>8.2 EXPOSURE CONTROLS</p> 	
<b>EYE PROTECTION</b>	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.
<b>HAND PROTECTION</b>	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.
<b>RESPIRATORY EQUIPMENT</b>	<p>UNDER NORMAL CONDITIONS OF USE AND WHERE ADEQUATE VENTILATION IS AVAILABLE TO PREVENT BUILD UP OF EXCESSIVE VAPOUR, THIS MATERIAL SHOULD NOT REQUIRE SPECIAL ENGINEERING CONTROLS. HOWEVER, IN CONDITIONS OF HIGH OR PROLONGED USE, OR HIGH TEMPERATURE OR OTHER CONDITIONS WHICH INCREASE EXPOSURE, THE FOLLOWING ENGINEERING CONTROLS CAN BE USED TO MINIMISE EXPOSURE TO PERSONNEL: A) INCREASE VENTILATION OF THE AREA WITH LOCAL EXHAUST VENTILATION. B) PERSONNEL CAN USE AN APPROVED, APPROPRIATELY FITTED RESPIRATOR WITH ORGANIC VAPOUR CARTRIDGE OR CANISTERS AND PARTICULATE FILTERS. C) USE CLOSED SYSTEMS FOR TRANSFERRING AND PROCESSING THIS MATERIAL. ALSO REFER TO SECTIONS 2 AND 7.</p>
<b>HYGIENE MEASURES</b>	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.
<b>ENGINEERING MEASURES</b>	NONE.
<b>SKIN PROTECTION</b>	WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT.
<b>PERSONAL PROTECTION</b>	AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES.
<b>OTHER PROTECTION</b>	<p>AVOID SKIN CONTACT.</p> <p>WEAR SUITABLE PROTECTIVE CLOTHING.</p> <p>SUITABLE TYPE OF PROTECTIVE CLOTHING :</p> <p>IN THE EVENT OF SUBSTANTIAL SPATTER, WEAR LIQUID-TIGHT PROTECTIVE CLOTHING AGAINST CHEMICAL RISKS (TYPE 3) IN ACCORDANCE WITH EN14605 TO PREVENT SKIN CONTACT.</p> <p>IN THE EVENT OF A RISK OF SPLASHING, WEAR PROTECTIVE CLOTHING AGAINST CHEMICAL RISKS (TYPE 6) IN ACCORDANCE WITH EN13034 TO PREVENT SKIN CONTACT.</p> <p>WORK CLOTHING WORN BY PERSONNEL SHALL BE LAUNDERED REGULARLY.</p> <p>AFTER CONTACT WITH THE PRODUCT, ALL PARTS OF THE BODY THAT HAVE BEEN SOILED MUST BE WASHED.</p>
<b>PROCESS CONDITIONS</b>	ENSURE AREA IS WELL VENTILATED. AVOID VAPOUR INHALATION. SAFETY SHOWER & EYE BATH.
<b>ENVIRONMENTAL EXPOSURE CONTROLS</b>	AVOID DISCHARGING INTO DRAINAGE WATER.
<b>SECTION 9: PHYSICAL &amp; CHEMICAL PROPERTIES</b>	

*The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with SoapQueen regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from SoapQueen.*

<b>9.1 PHYSICAL &amp; CHEMICAL PROPERTIES</b>	
<b>APPEARANCE</b>	LIQUID
<b>COLOUR</b>	PALE YELLOW
<b>ODOUR</b>	CHARACTERISTIC
<b>RELATIVE DENSITY</b>	0.885 @ 20°C
<b>FLASH POINT (°C)</b>	71°C.
<b>REFRACTIVE INDEX @ 20 °C</b>	APPROX. 1.40 @ 20°C
<b>SOLUBILITY IN WATER @ 20 °C</b>	INSOLUBLE IN WATER
<b>9.2 OTHER INFORMATION</b>	NO DATA.
<b>SECTION 10: STABILITY &amp; REACTIVITY</b>	
<b>10.1 REACTIVITY</b>	NOT APPLICABLE.
<b>10.2 CHEMICAL STABILITY</b>	STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).
<b>10.3 POSSIBILITY OF HAZARDOUS REACTIONS</b>	NO.
<b>10.4 CONDITIONS TO AVOID</b>	STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C.
<b>10.5 INCOMPATIBLE MATERIALS</b>	AVOID CONCENTRATED ACIDS, ALKALIS & OXIDISING AGENTS.
<b>10.6 HAZARDOUS DECOMPOSITION PRODUCTS</b>	THIS PRODUCT DOES NOT DECOMPOSE UNDER NORMAL CONDITIONS. UNDER FIRE CONDITIONS THE PRODUCT WILL PRODUCE A MIXTURE OF IRRITATING FUMES & SMOKE & CARBON MONOXIDE.

<b>SECTION 11: TOXICOLOGICAL INFORMATION</b>	
<b>11.1 TOXICOLOGICAL EFFECTS</b>	
<b>ACUTE TOXICITY</b>	CAMPHOR L(XN68)=10% X (CAS: 76-22-2) ORAL ROUTE : LD50 = 1500 MG/KG INHALATION ROUTE : LC50 = 1.5 MG/L  EUCALYPTOL (CAS: 470-82-6) ORAL ROUTE : LD50 = 2480 MG/KG  LINALOOL (CAS: 78-70-6) ORAL ROUTE : LD50 = 2790 MG/KG.
<b>SKIN IRRITATION</b>	CONSIDERED A SKIN IRRITANT (ROUTE: DRM). THERE MAY BE IRRITATION AND REDNESS AT SITE OF CONTACT.
<b>EYE DAMAGE OR IRRITATION</b>	THERE MAY BE IRRITATION AND REDNESS. EYES WILL WATER PROFUSELY.
<b>RESPIRATORY OR SKIN SENSITIVITY</b>	ON INGESTION: THERE MAY BE SORENESS AND REDNESS OF THE MOUTH AND THROAT. NAUSEA AND STOMACH PAIN MAY OCCUR. THERE MAY BE VOMITING.

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	ON INHALATION: THERE MAY BE IRRITATION OF THE THROAT WITH A FEELING OF TIGHTNESS IN THE CHEST.
<b>GERM CELL MUTAGENICITY</b>	NOT APPLICABLE.
<b>CARCINOGENICITY</b>	NOT APPLICABLE.
<b>REPRODUCTIVE TOXICITY</b>	NOT APPLICABLE.
<b>STOT – SINGLE EXPOSURE</b>	NOT APPLICABLE.
<b>STOT – REPEATED EXPOSURE</b>	NOT APPLICABLE.
<b>ASPIRATION HAZARD</b>	MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
<b>OTHER INFORMATION</b>	NO DATA.

## SECTION 12: ECOLOGICAL INFORMATION

<b>12.1 TOXICITY</b>	AQUATIC LIFE: VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. FISH/AQUATIC VERTEBRATES: NO ADDITIONAL DATA AVAILABLE. PNECs: NO ADDITIONAL DATA AVAILABLE.
<b>12.2 PERSISTENCE &amp; DEGRADABILITY</b>	THIS MATERIAL IS CONSIDERED READILY BIODEGRADABLE, THEREFORE DOES NOT FULFIL THE CRITERIA FOR PERSISTENCE.
<b>12.3 BIO- ACCUMULATIVE POTENTIAL</b>	BIOACCUMULATION POTENTIAL.
<b>12.4 MOBILITY IN SOIL</b>	THIS MATERIAL IS CONSIDERED READILY BIODEGRADABLE, THEREFORE SIMULATION TESTS IN SURFACE WATER, SEDIMENT AND SOIL ARE NOT REQUIRED IN ACCORDANCE WITH COLUMN 2 OF REACH ANNEX IX.
<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 OTHER ADVERSE EFFECTS</b>	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.

## SECTION 13: DISPOSAL INFORMATION

<b>13.1 WASTE TREATMENT METHODS</b>	ALWAYS RECOVER SPILLED PRODUCT. DISCARD WASTE MATERIAL WITH AUTHORIZED WASTE MANAGEMENT SERVICES. ACT IN ACCORDANCE WITH LOCAL & NATIONAL WASTE REGULATIONS.
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## SECTION 14: TRANSPORT INFORMATION

<b>14.1 TRANSPORT INFORMATION</b>	
<b>UN NUMBER</b>	<b>ROAD: 3082</b> <b>SEA: 3082</b> <b>AIR: 3082</b>
<b>14.2 UN SHIPPING NAME</b>	<b>ENVIRONMENTALLY HAZARDOUS SUBSTANCE</b>
<b>14.3</b>	<b>ADR/RID/ADN CLASS: 9: MISCELLANEOUS DANGEROUS SUBSTANCES AND</b>

<p><b>TRANSPORT HAZARD CLASS(ES)</b></p>	<p>ARTICLES.  <b>IMDG CLASS:</b> 9: MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES.  <b>ICAO CLASS/DIVISION:</b> 9: MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES.</p> <p>TRANSPORT LABELS</p> 																																																																																																																																																																																				
<p><b>14.4 PACKING GROUP</b></p>	<p>ADR/RID/ADN PACKING GROUP III  IMDG PACKING GROUP III  ICAO PACKING GROUP III</p>																																																																																																																																																																																				
<p><b>14.5 ENVIROMENTAL HAZARDS</b></p>	<p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT.</p> 																																																																																																																																																																																				
<p><b>14.6 SPECIAL PRECAUTIONS FOR USER</b></p>	<table border="0"> <tr> <td colspan="12">ADR/RID</td> </tr> <tr> <td>CLASS</td> <td>CODE</td> <td>PACK GR.</td> <td>LABEL</td> <td>IDENT.</td> <td>LQ</td> <td>PROVIS.</td> <td>EQ</td> <td>CAT.</td> <td colspan="3">TUNNEL</td> </tr> <tr> <td>9</td> <td>M6</td> <td>III</td> <td>9</td> <td>90</td> <td>5 L</td> <td>274 335 601</td> <td>E1</td> <td>3</td> <td colspan="3">E</td> </tr> <tr> <td colspan="12">IMDG</td> </tr> <tr> <td>CLASS</td> <td>2°LABEL</td> <td>PACK GR.</td> <td>LQ</td> <td>EMS</td> <td>PROVIS.</td> <td>EQ</td> <td colspan="5"></td> </tr> <tr> <td>9</td> <td>-</td> <td>III</td> <td>5 L</td> <td>F-A,S-F</td> <td>274 335</td> <td>E1</td> <td colspan="5"></td> </tr> <tr> <td colspan="12">IATA</td> </tr> <tr> <td>CLASS</td> <td>2°LABEL</td> <td>PACK GR.</td> <td>PASSAGER</td> <td>PASSAGER</td> <td>CARGO</td> <td>CARGO</td> <td colspan="5"></td> </tr> <tr> <td>NOTE</td> <td>EQ</td> <td colspan="10"></td> </tr> <tr> <td>9</td> <td>-</td> <td>III</td> <td>964</td> <td>450 L</td> <td>964</td> <td>450 L</td> <td colspan="5">A97 /</td> </tr> <tr> <td>A158</td> <td>E1</td> <td colspan="10"></td> </tr> <tr> <td>9</td> <td>-</td> <td>III</td> <td>Y964</td> <td>30 KG G</td> <td>-</td> <td>-</td> <td colspan="5">A97 /</td> </tr> <tr> <td>A158</td> <td>E1</td> <td colspan="10"></td> </tr> <tr> <td colspan="12">FOR LIMITED QUANTITIES, SEE PART 2.7 OF THE OACI/IATA AND CHAPTER 3.4 OF THE ADR AND IMDG.</td> </tr> <tr> <td colspan="12">FOR EXCEPTED QUANTITIES, SEE PART 2.6 OF THE OACI/IATA AND CHAPTER 3.5 OF THE ADR AND IMDG.</td> </tr> </table>	ADR/RID												CLASS	CODE	PACK GR.	LABEL	IDENT.	LQ	PROVIS.	EQ	CAT.	TUNNEL			9	M6	III	9	90	5 L	274 335 601	E1	3	E			IMDG												CLASS	2°LABEL	PACK GR.	LQ	EMS	PROVIS.	EQ						9	-	III	5 L	F-A,S-F	274 335	E1						IATA												CLASS	2°LABEL	PACK GR.	PASSAGER	PASSAGER	CARGO	CARGO						NOTE	EQ											9	-	III	964	450 L	964	450 L	A97 /					A158	E1											9	-	III	Y964	30 KG G	-	-	A97 /					A158	E1											FOR LIMITED QUANTITIES, SEE PART 2.7 OF THE OACI/IATA AND CHAPTER 3.4 OF THE ADR AND IMDG.												FOR EXCEPTED QUANTITIES, SEE PART 2.6 OF THE OACI/IATA AND CHAPTER 3.5 OF THE ADR AND IMDG.											
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<p><b>14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 &amp; THE IBC CODE.</b></p>	<p>NOT APPLICABLE.</p>																																																																																																																																																																																				
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<b>&amp; LEGISLATION</b>	
<b>EU DIRECTIVES</b>	REGULATION (EC) NO 1907/2006 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) NO1488/94 AS WELL AS COUNCIL DIRECTIVE 76/769/EEC & COMMISSION DIRECTIVE 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (INCLUDING AMENDMENTS).
<b>STATUTORY INSTRUMENTS</b>	THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 NO 716).
<b>APPROVED CODE OF PRACTICE</b>	CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.
<b>GUIDANCE NOTES</b>	WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.
<b>15.2 CHEMICAL SAFETY ASSESSMENT</b>	-

<b>SECTION 16: OTHER INFORMATION</b>	
HAZARD AND/ OR PRECAUTIONARY STATEMENTS IN FULL	H226 FLAMMABLE LIQUID AND VAPOUR. H228 FLAMMABLE SOLID. H302 HARMFUL IF SWALLOWED. H315 CAUSES SKIN IRRITATION. H317 MAY CAUSE AN ALLERGIC SKIN REACTION. H319 CAUSES SERIOUS EYE IRRITATION. H332 HARMFUL IF INHALED. H371 MAY CAUSE DAMAGE TO ORGANS. H400 VERY TOXIC TO AQUATIC LIFE. H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
<b>TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.</b>	
<b>ABBREVIATIONS &amp; ACRONYMS:</b>	
<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.

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<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>
<b>10<sup>TH</sup> APRIL 2018</b>	DATA LAUNCH