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® ESSENTIAL OILS

Pembroke Road, Ruislip HA4 8NQ

## Material Safety Data Sheet

EU Regulation: 1907/2006




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

<b>1.1 PRODUCT IDENTIFICATION</b>					
<b>PRODUCT NAME</b>	LITSEA CUBEBA, ESSENTIAL OIL (A.K.A MAY CHANG) ORGANIC				
<b>BIOLOGICAL DEFINITION</b>	LITSEA CUBEBA FRUIT OIL IS THE VOLATILE OIL OBTAINED FROM THE BERRIES OF THE LITSEA CUBEBA, LAURACEAE				
<b>INCI NAME</b>	LITSEA CUBEBA FRUIT				
<b>SYNONYMS &amp; TRADE NAMES</b>	LITSEA CUBEBA EXT. MAY CHANG OIL				
<b>INTERNAL PRODUCT CODE</b>	K0268				
<b>CAS-No</b>	68855-99-2 / 90063-59-5	<b>EC No.</b>	290-018-7	<b>EINECS No.</b>	290-018-7
<b>1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET</b>					
<b>COMPANY ADDRESS</b>	O&3 Unit 2, Athelstan Business Park, Hanwell Lane, Hutton Conyers, Ripon, HG4 5BF, England.				
<b>EMAIL</b>	THOMASKERFOOT@OAND3.COM				
<b>1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET</b>					
<b>EMERGENCY CONTACTS</b>	MRS. ELEANOR WADE (07968 200167)				

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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 (EU 1272/2008)</b>	PHYSICAL AND CHEMICAL HAZARDS: NOT CLASSIFIED. HUMAN HEALTH: SKIN IRRIT. 2 - H315; EYE IRRIT. 2 - H319; SKIN SENS. 1 - H317; ASP. TOX. 1 - H304 ENVIRONMENT: AQUATIC CHRONIC 2 - H411
<b>2.2</b>	
<b>LABEL ELEMENTS</b>	LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.
<b>GHS LABEL</b>	   GHS07                      GHS08                      GHS09
<b>SIGNAL WORD</b>	DANGER.
<b>CONTAINS</b>	GERANIAL, NERAL, (S)-P-MENTHA-1,8-DIENE, (+)-CITRONELLAL, SABINENE, 1, 8 CINEOLE, 1, ALPHA-(-)-PINENE, GERANIOL, NEROL, B-(+)-CITRONELLOL
<b>HAZARDS STATEMENT</b>	H304                      MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. 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. P301+P310 IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER/DOCTOR. P302+P352 IF ON SKIN: WASH WITH PLENTY OF 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. P331 Do NOT INDUCE VOMITING.
<b>SUPPLEMENTARY PRECAUTIONARY STATEMENTS</b>	P261 AVOID BREATHING VAPOUR/SPRAY. P264 WASH CONTAMINATED SKIN THOROUGHLY AFTER HANDLING. P272 CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE. P321 SPECIFIC TREATMENT (SEE MEDICAL ADVICE ON THIS LABEL). P332+P313 IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION. P333+P313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION. P337+P313 IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION. P362+P364 TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE. P391 COLLECT SPILLAGE. P405 STORE LOCKED UP. P501 DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH NATIONAL REGULATIONS.
SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.	
<b>2.3</b>	
<b>OTHER HAZARDS</b>	
<b>ADVERSE PHYSIO-CHEMICAL PROPERTIES</b>	NO DATA
<b>ADVERSE EFFECTS ON HUMAN HEALTH</b>	NO DATA.
<b>PBT OR VPVB ACCORDING TO ANNEX XIII</b>	NO DATA
<b>SECTION 3: COMPOSITION OF INGREDIENTS</b>	
<b>3.2 MIXTURES</b>	<b>24.84 - 43.0% GERANIAL</b> CAS-NO: 141-27-5                      EC NO: 205-476-5 CLASSIFICATION (EC 1272/2008); SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317  <b>20.24 - 35.0% NERAL</b> CAS-NO: 106-26-3                      EC NO: 203-379-2 CLASSIFICATION (EC 1272/2008); SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317



<b>2.3 - 18.0% (S)-P-MENTHA-1,8-DIENE</b>	CAS-No: 5989-54-8	EC No: 227-815-6
CLASSIFICATION (EC 1272/2008); M FACTOR (ACUTE) = 1, M FACTOR (CHRONIC) = 1 FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317 AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410		
<b>0.01 - 7.0% (+)-CITRONELLAL</b>	CAS-No: 2385-77-5	EC No: 219-194-5
CLASSIFICATION (EC 1272/2008); SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319, SKIN SENS. 1B - H317		
<b>0.2 - 2.0% SABINENE</b>	CAS-No: 3387-41-5	EC No: 222-212-4
CLASSIFICATION (EC 1272/2008); M FACTOR (ACUTE) = 1 FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319 SKIN SENS. 1 - H317, STOT SE 3 - H335, AQUATIC ACUTE 1 - H400		
<b>0.74 - 1.8% 7-METHYL-3-METHYLENOCTA-1,6-DIENE</b>	CAS-No: 123-35-3	EC No: 204-622-5
CLASSIFICATION (EC 1272/2008); FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319 ASP. TOX. 1 - H304		
<b>0.01 - 2.2% VERBENOL</b>	CAS-No: 473-67-6	EC No: 207-470-8
CLASSIFICATION (EC 1272/2008); SKIN IRRIT. 2 - H315		
<b>0.31 - 1.7% 1,8 CINEOLE</b>	CAS-No: 470-82-6	EC No: 207-431-5
CLASSIFICATION (EC 1272/2008); FLAM. LIQ. 3 - H226, SKIN SENS. 1B - H317		
<b>1.0 - 5.0% 1,ALPHA(-)-PINENE</b>	CAS-No: 7785-26-4	EC No: 232-077-3
CLASSIFICATION (EC 1272/2008); M FACTOR (CHRONIC) = 1 FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319 SKIN SENS. 1 - H317, STOT SE 3 - H335, AQUATIC CHRONIC 1 - H410		
<b>0.01 - 2.9% GERANIOL</b>	CAS-No: 106-24-1	EC No: 203-377-1
CLASSIFICATION (EC 1272/2008); SKIN IRRIT. 2 - H315, EYE DAM. 1 - H318, SKIN SENS. 1 - H317		
<b>0.01 - 5.0% 6-METHYL-5-HEPTEN-2-ONE</b>	CAS-No: 110-93-0	EC No: 203-816-7
CLASSIFICATION (EC 1272/2008); FLAM. LIQ. 3 - H226		
<b>0.01 - 3.3% LINALOOL</b>	CAS-No: 126-91-0	EC No: 204-811-2
CLASSIFICATION (EC 1272/2008); SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319, STOT SE 3 - H335		
<b>0.01 - 3.0% BETA CARYOPHYLLENE</b>	CAS-No: 87-44-5	EC No: 201-746-1
CLASSIFICATION (EC 1272/2008); ASP. TOX. 1 - H304		
<b>0.18 - 1.2% NEROL</b>	CAS-No: 106-25-2	EC No: 203-378-7
CLASSIFICATION (EC 1272/2008); SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319, SKIN SENS. 1 - H317		
<b>0.01 - 1.5% B-(+)-CITRONELLOL</b>	CAS-No: 1117-61-9	EC No: 214-250-5
CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319, SKIN SENS. 1B - H317		

## 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>	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.



<b>4.3</b> INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	NONE EXPECTED, SEE SECTION 4.1 FOR FURTHER INFORMATION.
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## SECTION 5: FIRE FIGHTING MEASURES

<b>5.1</b> EXTINGUISHING MATERIAL	FOAM, CO <sub>2</sub> , DRY CHEMICAL POWDER.
<b>5.2</b> SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	BURNING PRODUCES IRRITATING, TOXIC AND OBNOXIOUS FUMES
<b>5.3</b> ADVICE FOR FIRE-FIGHTERS	SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING.

## 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	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</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)	NO DATA.

## SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

<b>8.1</b> CONTROL PARAMETERS	<p><b>7-METHYL-3-METHYLENEOCTA-1,6-DIENE (CAS: 123-35-3)</b></p> <p>DNEL WORKERS - DERMAL; LONG TERM SYSTEMIC EFFECTS: 0.83 MG/KG WORKERS - INHALATION; LONG TERM SYSTEMIC EFFECTS: 5.83 MG/M<sup>3</sup> GENERAL POPULATION - DERMAL; LONG TERM SYSTEMIC EFFECTS: 0.42 MG/KG GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 1.25 MG/M<sup>3</sup></p> <p>PNEC - STP; 0.2 MG/L - SOIL; 1.015 MG/KG - FRESH WATER; 0.00028 MG/L - MARINE WATER; 0.0008 MG/L - SEDIMENT (FRESHWATER); 5.022 MG/KG - SEDIMENT (MARINE WATER); 0.502 MG/KG</p> <p><b>1, 8 CINEOLE (CAS: 470-82-6)</b></p> <p>DNEL WORKERS - DERMAL; LONG TERM SYSTEMIC EFFECTS: 2 MG/KG GENERAL POPULATION - ORAL; LONG TERM SYSTEMIC EFFECTS: 600 MG/KG GENERAL POPULATION - DERMAL; LONG TERM SYSTEMIC EFFECTS: 1 MG/KG GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 1.74 MG/M<sup>3</sup></p> <p>PNEC - STP; 10 MG/L</p>
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- SOIL; 0.2 MG/KG
- INTERMITTENT RELEASE; 0.57 MG/L
- FRESH WATER; 0.057 MG/L
- MARINE WATER; 0.0057 MG/L
- SEDIMENT (FRESHWATER); 0.06732 MG/KG
- SEDIMENT (MARINE WATER); 0.00673 MG/KG

## 8.2 EXPOSURE CONTROLS



<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>	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.
<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>	WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS.
<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.

## SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

<b>9.1 PHYSICAL &amp; CHEMICAL PROPERTIES</b>	
<b>APPEARANCE</b>	LIQUID
<b>COLOUR</b>	PALE YELLOW - YELLOW
<b>ODOUR</b>	CHARACTERISTIC
<b>RELATIVE DENSITY</b>	0.882 - 0.905 @ 25°C
<b>FLASH POINT (°C)</b>	REACH DOSSIER INFORMATION. 68.3±1 °C CC (CLOSED CUP).
<b>REFRACTIVE INDEX @ 20 °C</b>	1.475 - 1.490 @ 20°C
<b>SOLUBILITY IN WATER @ 20 °C</b>	REACH DOSSIER INFORMATION. THE RANGE OF WATER SOLUBILITIES OF THE KNOWN CONSTITUENTS OF LITSEA CUBEBA OIL WAS FOUND TO BE 0.5 - 4364 MG/L AT 25°C
<b>9.2 OTHER INFORMATION</b>	NO DATA.

## SECTION 10: STABILITY & REACTIVITY

<b>10.1 REACTIVITY</b>	NO HAZARDOUS REACTIONS IF STORED AND HANDLED AS PRESCRIBED / INDICATED.
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<b>10.2</b> CHEMICAL STABILITY	STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).
<b>10.3</b> POSSIBILITY OF HAZARDOUS REACTIONS	NO.
<b>10.4</b> CONDITIONS TO AVOID	STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C.
<b>10.5</b> INCOMPATIBLE MATERIALS	STRONG OXIDISING SUBSTANCES.
<b>10.6</b> HAZARDOUS DECOMPOSITION PRODUCTS	THIS PRODUCT DOES NOT DECOMPOSE UNDER NORMAL CONDITIONS. UNDER FIRE CONDITIONS THE PRODUCT WILL PRODUCE A MIXTURE OF IRRITATING FUMES & SMOKE & CARBON MONOXIDE.

## SECTION 11: TOXICOLOGICAL INFORMATION



<b>11.1</b> TOXICOLOGICAL EFFECTS	
<i>ACUTE TOXICITY</i>	NO DATA.
<i>SKIN IRRITATION</i>	NO DATA
<i>EYE DAMAGE OR IRRITATION</i>	NO DATA
<i>RESPIRATORY OR SKIN SENSITIVITY</i>	NO DATA
<i>GERM CELL MUTAGENICITY</i>	NO DATA
<i>CARCINOGENICITY</i>	NOT APPLICABLE.
<i>REPRODUCTIVE TOXICITY</i>	NOT APPLICABLE.
<i>STOT – SINGLE EXPOSURE</i>	NOT APPLICABLE.
<i>STOT – REPEATED EXPOSURE</i>	NOT APPLICABLE.
<i>ASPIRATION HAZARD</i>	MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS (H304).
<i>OTHER INFORMATION</i>	NO DATA.

## SECTION 12: ECOLOGICAL INFORMATION

<b>12.1</b> TOXICITY	ACUTE TOXICITY (RAINBOW TROUT) - FISH LL <sub>50</sub> , 96 HOUR: 4.2 MG/L, ONCHORHYNCHUS MYKISS ACUTE TOXICITY – AQUATIC INVERTEBRATES EL <sub>50</sub> , 48 HOURS: 4.2 MG/L, DAPHNIA MAGNA
<b>12.2</b> PERSISTENCE & DEGRADABILITY	EXPECTED TO BE READILY BIODEGRADABLE.
<b>12.3</b> BIO- ACCUMULATIVE POTENTIAL	PARTITION COEFFICIENT REACH DOSSIER INFORMATION. THE LOG KOW RANGE OF LITSEA CUBEBA OIL CONSTITUENTS WAS FOUND TO BE 2.06 - 6.3. 16.90% OF THE CONSTITUENTS HAS A LOG KOW
<b>12.4</b> MOBILITY IN SOIL	NO DATA.
<b>12.5</b> RESULTS OF PBT & VPVB ASSESSMENT	NO DATA.
<b>12.6</b> OTHER ADVERSE EFFECTS	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.

## SECTION 13: DISPOSAL INFORMATION

<b>13.1</b> WASTE TREATMENT METHODS	ALWAYS RECOVER SPILLED PRODUCT. DISCARD WASTE MATERIAL WITH AUTHORIZED WASTE MANAGEMENT SERVICES. ACT IN ACCORDANCE WITH LOCAL & NATIONAL WASTE REGULATIONS.
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<b>SECTION 14: TRANSPORT INFORMATION</b>	
<b>14.1</b> TRANSPORT INFORMATION	
<b>UN NUMBER</b>	ROAD: 3082 RAIL: 3082 AIR: 3082
<b>14.2</b> UN SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S.
<b>14.3</b> TRANSPORT HAZARD CLASS(ES)	ADR/RID/ADN CLASS 9 ADR/RID CLASSIFICATION CODE M6 ADR LABEL 9 IMDG CLASS 9 ICAO CLASS/DIVISION 9 AND CLASS 9  
<b>14.4</b> PACKING GROUP	ADR/RID/ADN PACKING GROUP III IMDG PACKING GROUP III ICAO PACKING GROUP III
<b>14.5</b> ENVIROMENTAL HAZARDS	ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT  
<b>14.6</b> SPECIAL PRECAUTIONS FOR USER	EMS F-A-S-F ADR TRANSPORT CATEGORY 3 EMERGENCY ACTION CODE •3Z ADR/RID HAZARD ID NUMBER 90 TUNNEL RESTRICTION CODE (E)
<b>14.7</b> TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.	NO ADDITIONAL DATA.
<b>SECTION 15: REGULATORY INFORMATION</b>	
<b>15.1</b> PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION	
<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>	-

## 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. H315 CAUSES SKIN IRRITATION. H317 MAY CAUSE AN ALLERGIC SKIN REACTION. H318 CAUSES SERIOUS EYE DAMAGE. H319 CAUSES SERIOUS EYE IRRITATION. H335 MAY CAUSE RESPIRATORY IRRITATION. H400 VERY TOXIC TO AQUATIC LIFE. H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. H411 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.
<b>TREM CARD</b>	TRANSPORT EMERGENCY CARD.
<b>STOT</b>	SPECIFIC TARGET ORGAN TOXICITY.

## DOCUMENTATION REVISION

DATE	CHANGE DESCRIPTION
10 <sup>TH</sup> APRIL 2018	DATA LAUNCH