



Material Safety Data Sheet

EU Regulation: 1907/2006

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

1.1 PRODUCT IDENTIFICATION

PRODUCT NAME	LITSEA CUBEBA, ESSENTIAL OIL (A.K.A MAY CHANG)				
BIOLOGICAL DEFINITION	LITSEA CUBEBA FRUIT OIL IS THE VOLATILE OIL OBTAINED FROM THE BERRIES OF THE LITSEA CUBEBA, LAURACEAE				
INCI NAME	LITSEA CUBEBA FRUIT				
SYNONYMS & TRADE NAMES	LITSEA CUBEBA EXT. MAY CHANG OIL				
INTERNAL PRODUCT CODE	K0267				
CAS-No	68855-99-2 / 90063-59-5	EC No.	290-018-7	EINECS No.	290-018-7

1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

COMPANY ADDRESS	O&3 Unit 2, Athelstan Business Park, Hanwell Lane, Hutton Conyers, Ripon, HG4 5BF, England.				
EMAIL	THOMASKERFOOT@OAND3.COM				

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

EMERGENCY CONTACTS	MRS. ELEANOR WADE (07968 200167)				
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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 (EU1272/2008)	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
2.2	
LABEL ELEMENTS	LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.
GHS LABEL	   GHS07GHS08GHS09
SIGNAL WORD	DANGER.
CONTAINS	GERANIAL, NERAL, (S)-P-MENTHA-1,8-DIENE, (+)-CITRONELLAL, SABINENE, 1, 8 CINEOLE, 1,ALPHA-(-)-PINENE, GERANIOL, NEROL, B-(+)-CITRONELLOL
HAZARDS STATEMENT	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.
PRECAUTIONARY STATEMENTS	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.
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	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.	

2.3		
OTHER HAZARDS		
ADVERSE PHYSIO-CHEMICAL PROPERTIES	NO DATA	
ADVERSE EFFECTS ON HUMAN HEALTH	NO DATA.	
PBT OR VPVB ACCORDING TO ANNEX XIII	NO DATA	

SECTION 3: COMPOSITION OF INGREDIENTS

3.2 MIXTURES	24.84 - 43.0% GERANIAL CAS-No: 141-27-5 EC No: 205-476-5 CLASSIFICATION (EC 1272/2008); SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317 20.24 - 35.0% NERAL CAS-No: 106-26-3 EC No: 203-379-2 CLASSIFICATION (EC 1272/2008); SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317
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2.3 - 18.0% (S)-P-MENTHA-1,8-DIENE	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
0.01 - 7.0% (+)-CITRONELLAL	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
0.2 - 2.0% SABINENE	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
0.74 - 1.8% 7-METHYL-3-METHYLENOCTA-1,6-DIENE	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
0.01 - 2.2% VERBENOL	CAS-No: 473-67-6 EC No: 207-470-8
CLASSIFICATION (EC 1272/2008);	SKIN IRRIT. 2 - H315
0.31 - 1.7% 1,8 CINEOLE	CAS-No: 470-82-6 EC No: 207-431-5
CLASSIFICATION (EC 1272/2008);	FLAM. LIQ. 3 - H226, SKIN SENS. 1B - H317
1.0 - 5.0% 1,ALPHA-(-)-PINENE	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
0.01 - 2.9% GERANIOL	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
0.01 - 5.0% 6-METHYL-5-HEPTEN-2-ONE	CAS-No: 110-93-0 EC No: 203-816-7
CLASSIFICATION (EC 1272/2008);	FLAM. LIQ. 3 - H226
0.01 - 3.3% LINALOOL	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
0.01 - 3.0% BETA CARYOPHYLLENE	CAS-No: 87-44-5 EC No: 201-746-1
CLASSIFICATION (EC 1272/2008);	ASP. TOX. 1 - H304
0.18 - 1.2% NEROL	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
0.01 - 1.5% 8-(+)-CITRONELLOL	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

4.1	
DESCRIPTION OF FIRST AID MEASURES	
GENERAL INFORMATION	ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.
INHALATION	GET MEDICAL ATTENTION IMMEDIATELY. REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND OBTAIN MEDICAL ATTENTION.
INGESTION	GET MEDICAL ATTENTION IMMEDIATELY. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL ATTENTION.
SKIN CONTACT	REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS.
EYE CONTACT	FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN IF SYMPTOMS PERSIST.
4.2	
MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED)	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.

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4.3 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

5.1 EXTINGUISHING MATERIAL	FOAM, CO2, DRY CHEMICAL POWDER.
5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	BURNING PRODUCES IRRITATING, TOXIC AND OBNOXIOUS FUMES
5.3 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

6.1 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.
6.2 ENVIRONMENTAL PRECAUTIONS	DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.
6.3 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.
6.4 REFERENCES TO OTHER SECTIONS	REFER & CONSIDER SECTION 8. REFER & CONSIDER SECTION 13.

SECTION 7: HANDLING & STORAGE

7.1 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.
7.2 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.
7.3 SPECIFIC END USE(S)	NO DATA.

SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 CONTROL PARAMETERS	7-METHYL-3-METHYLENEOCTA-1,6-DIENE (CAS: 123-35-3) DNEL WORKERS - DERMAL; LONG TERM SYSTEMIC EFFECTS: 0.83 MG/KG WORKERS - INHALATION; LONG TERM SYSTEMIC EFFECTS: 5.83 MG/M³ GENERAL POPULATION - DERMAL; LONG TERM SYSTEMIC EFFECTS: 0.42 MG/KG GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 1.25 MG/M³ 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 1, 8 CINEOLE (CAS: 470-82-6) 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/M³ PNEC - STP; 10 MG/L
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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



EYE PROTECTION	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.
HAND PROTECTION	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.
RESPIRATORY EQUIPMENT	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.
HYGIENE MEASURES	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.
ENGINEERING MEASURES	NONE.
SKIN PROTECTION	WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT.
PERSONAL PROTECTION	AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES.
OTHER PROTECTION	WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS.
PROCESS CONDITIONS	ENSURE AREA IS WELL VENTILATED. AVOID VAPOUR INHALATION. SAFETY SHOWER & EYE BATH.
ENVIROMENTAL EXPOSURE CONTROLS	AVOID DISCHARGING INTO DRAINAGE WATER.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

9.1 PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE	LIQUID
COLOUR	PALE YELLOW - YELLOW
ODOUR	CHARACTERISTIC
RELATIVE DENSITY	0.882 - 0.905 @ 25°C
FLASH POINT (°C)	REACH DOSSIER INFORMATION. 68.3±1°C CC (CLOSED CUP).
REFRACTIVE INDEX @ 20 °C	1.475 - 1.490 @ 20°C
SOLUBILITY IN WATER @ 20 °C	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

9.2 OTHER INFORMATION

NO DATA.

SECTION 10: STABILITY & REACTIVITY

10.1 REACTIVITY

NO HAZARDOUS REACTIONS IF STORED AND HANDLED AS PRESCRIBED / INDICATED.

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10.2 CHEMICAL STABILITY	STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).
10.3 POSSIBILITY OF HAZARDOUS REACTIONS	No.
10.4 CONDITIONS TO AVOID	STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C.
10.5 INCOMPATIBLE MATERIALS	STRONG OXIDISING SUBSTANCES.
10.6 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

11.1 TOXICOLOGICAL EFFECTS

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

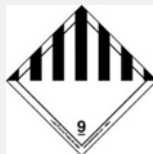
SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY	ACUTE TOXICITY (RAINBOW TROUT) - FISH LL ₅₀ , 96 HOUR: 4.2 MG/L, ONCHORHYNCHUS MYKISS ACUTE TOXICITY – AQUATIC INVERTEBRATES EL50, 48 HOURS: 4.2 MG/L, DAPHNIA MAGNA
12.2 PERSISTENCE & DEGRADABILITY	EXPECTED TO BE READILY BIODEGRADABLE.
12.3 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
12.4 MOBILITY IN SOIL	NO DATA.
12.5 RESULTS OF PBT & VPVB ASSESSMENT	NO DATA.
12.6 OTHER ADVERSE EFFECTS	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.

SECTION 13: DISPOSAL INFORMATION

13.1 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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SECTION 14: TRANSPORT INFORMATION		
14.1 TRANSPORT INFORMATION		
	UN NUMBER	ROAD: 3082 RAIL: 3082 AIR: 3082
14.2 UN SHIPPING NAME		ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S.
14.3 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 
14.4 PACKING GROUP		ADR/RID/ADN PACKING GROUP III IMDG PACKING GROUP III ICAO PACKING GROUP III
14.5 ENVIROMENTAL HAZARDS		ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT 
14.6 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)
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.		NO ADDITIONAL DATA.
SECTION 15: REGULATORY INFORMATION		
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION		
EU DIRECTIVES		REGULATION (EC) NO 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 TH DECEMBER 2006. CONCERNING THE REGISTRATION, EVALUATION, AUTHORIZATION & RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICALS AGENCY, AMENDING DIRECTIVE

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	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).
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	-

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.
TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.	
ABBREVIATIONS & ACRONYMS:	
MSDS	MATERIAL SAFETY DATA SHEET.
INCI	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS.
CAS	CHEMICAL ABSTRACT SERVICE.
IMDG	INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS.
ADR	ACCORD EUROPEAN SUR LE TRANSPORT DES MARCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD).
RID	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL.
ICAO	INTERNATIONAL CIVIL AVIATION ORGANIZATION.
ADN	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS.
GHS	GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS.
TREM CARD	TRANSPORT EMERGENCY CARD.
STOT	SPECIFIC TARGET ORGAN TOXICITY.

DOCUMENTATION REVISION

DATE	CHANGE DESCRIPTION
10 TH APRIL 2018	DATA LAUNCH

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