



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	LEMON, ESSENTIAL OIL				
BIOLOGICAL DEFINITION	CITRUS LIMON PEEL OIL IS THE VOLATILE OIL OBTAINED BY COLD COMPRESSION OF THE FRESH PEEL OF THE LEMON, CITRUS LIMON (L.), RUTACEAE.				
INCI NAME	CITRUS LIMON PEEL OIL				
SYNONYMS & TRADE NAMES	-				
INTERNAL PRODUCT CODE	K0254				
CAS-No	8008-56-8 / 84929-31-7	EC No.	284-515-8	EINECS No.	284-515-8

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	TECHNICALCREW@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 HAZARDS: FLAM LIQ. 3 – H226 HEALTH HAZARDS: ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317 ENVIRONMENTAL HAZARDS: AQUATIC CHRONIC 2 - H411 *SEE SECTION 16 FOR OTHER INFORMATION ON PRODUCT INFORMATION.		
2.2			
LABEL ELEMENTS	LABEL IN ACCORDANCE WITH REGULATION (EC) No 1272/2008.		
GHS LABEL	   		
SIGNAL WORD	DANGER.		
CONTAINS	D-LIMONENE, BETA-PINENE, ALPHA-PINENE, MYRCENE		
HAZARDS STATEMENT	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. H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.		
PRECAUTIONARY STATEMENTS	P210 KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. NO SMOKING. P241 USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING/EQUIPMENT. P242 USE NON-SPARKING TOOLS. P243 TAKE ACTION TO PREVENT STATIC DISCHARGES. P261 AVOID BREATHING VAPOURS/SPRAY. 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. P303+P361+P353 IF ON SKIN (OR HAIR) TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER. P331 DO NOT INDUCE VOMITING. P333+P313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION. P370+P378 IN CASE OF FIRE USE WATER SPRAY, DRY POWDER OR CARBON DIOXIDE TO EXTINGUISH. P362+P364 TAKE OFF CONTAMINATED CLOTHING. AND WASH IT BEFORE REUSE. P391 COLLECT SPILLAGE. P501 DISPOSE OF CONTENTS IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION.		
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	P264 WASH HANDS AND EXPOSED SKIN THOROUGHLY AFTER HANDLING.		

SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.

2.3			
OTHER HAZARDS			
ADVERSE PHYSIO-CHEMICAL PROPERTIES	THIS SUBSTANCE IS NOT PBT / vPvB.		
ADVERSE EFFECTS ON HUMAN HEALTH	NO ADDITIONAL DATA AVAILABLE.		
PBT OR vPvB ACCORDING TO ANNEX XIII	DUE TO THE PRESENCE OF FUROCOUMARINS, THE PRODUCT MAY HAVE PHOTOTOXIC EFFECTS (SKIN).		

SECTION 3: COMPOSITION OF INGREDIENTS

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3.1 SUBSTANCES	≤ 70.0% D-LIMONENE	CAS No: 5989-27-5	EC No: 227-813-5
	CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410		
	≤ 17.0% BETA-PINENE	CAS No: 127-91-3	EC No: 204-872-5
	CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410		
	≤ 12.5% GAMMA-TERPINENE	CAS No: 99-85-4	EC No: 202-794-6
	CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, REPR. 2 - H361, AQUATIC CHRONIC 2 - H411		
	≤ 3.5% ALPHA-PINENE	CAS No: 80-56-8	EC No: 201-291-9
	CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ACUTE TOX. 4 - H302, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410		
	≤ 2.5% CITRAL	CAS No: 5392-40-5	EC No: 226-394-6
	CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, SKIN SENS. 1B - H317, EYE IRRIT. 2 - H319		
	≤ 3.0% MYRCENE (7-METHYL-3-METHYLENEOCTA-1,6-DIENE)	CAS No: 123-35-3	EC No: 204-622-5
	CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 2 - H411		

SECTION 4: FIRST AID MEASURES

4.1		
DESCRIPTION OF FIRST AID MEASURES		
GENERAL INFORMATION	ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.	
INHALATION	REMOVE FROM EXPOSURE AREA TO FRESH AIR. GET MEDICAL ADVICE/ATTENTION.	
INGESTION	DO NOT INDUCE VOMITING. INGESTION MAY CAUSE NAUSEA AND VOMITING. IMMEDIATELY RINSE MOUTH AND PROVIDE FRESH AIR. GET MEDICAL ADVICE/ATTENTION.	
SKIN CONTACT	REMOVE CONTAMINATED CLOTHING IMMEDIATELY AND WASH SKIN WITH SOAP AND WATER. GET MEDICAL ADVICE/ATTENTION IF ANY DISCOMFORT CONTINUES.	
EYE CONTACT	IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR UP TO 15 MINUTES. REMOVE ANY CONTACT LENSES AND OPEN EYES WIDE APART. GET MEDICAL ADVICE/ATTENTION. CONTINUE TO RINSE.	
4.2		
MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED)	NO DATA	
4.3		
INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	TREAT SYMPTOMATICALLY.	

SECTION 5: FIRE FIGHTING MEASURES

5.1		
EXTINGUISHING MATERIAL	FOAM, CO2, DRY CHEMICAL POWDER.	
5.2		
SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	A FIRE WILL OFTEN PRODUCE A THICK BLACK SMOKE. EXPOSURE TO DECOMPOSITION PRODUCTS MAY BE HAZARDOUS TO HEALTH. DO NOT BREATHE IN SMOKE. THERMAL DECOMPOSITION OR COMBUSTION PRODUCTS MAY INCLUDE THE FOLLOWING SUBSTANCES: CARBON DIOXIDE (CO2), CARBON MONOXIDE (CO), OTHER TOXIC GASES. CONTAINERS CLOSE TO FIRE SHOULD BE REMOVED OR COOLED WITH WATER.	
5.3		
ADVICE FOR FIRE-FIGHTERS	AVOID INHALATION OF GENERATED FUMES OR VAPOURS. WEAR SELF-CONTAINED BREATHING APPARATUS AND APPROPRIATE PROTECTIVE CLOTHING.	

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS	WEAR PROTECTIVE CLOTHING AS DESCRIBED IN SECTION 8 OF THIS SAFETY DATA SHEET. HANDLE THE PRODUCT USING PROTECTIVE GLOVES RESISTANT TO THE CHEMICALS EXPOSED. AVOID CONTACT WITH SKIN AND INHALATION OF ITS VAPOURS. MAINTAIN ADEQUATE VENTILATION IN THE WORKING AREA AFTER SPILLING.
6.2 ENVIRONMENTAL PRECAUTIONS	DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND.
6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP	ABSORB WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH OR VERMICULITE. COLLECT IN CLOSED AND SUITABLE CONTAINERS FOR DISPOSAL IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION. PREVENT ANY MATERIAL FROM ENTERING DRAINS OR WATERWAYS. WASH SPILL SITE AFTER REMOVAL WITH A DETERGENT.
6.4 REFERENCES TO OTHER SECTIONS	SEE SECTIONS 4, 7, 8 AND 13.

SECTION 7: HANDLING & STORAGE

7.1 PRECAUTIONS FOR SAFE-HANDLING	APPLY GOOD MANUFACTURING PRACTICE & INDUSTRIAL HYGIENE PRACTICES, ENSURING PROPER WORKPLACE VENTILATION. KEEP ORIGINAL CONTAINER CLOSED. AVOID CONTACT WITH SKIN AND EYES. OBSERVE GOOD PERSONAL HYGIENE, AND DO NOT EAT, DRINK OR SMOKE WHILST HANDLING. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. AVOID EXPOSING TO HIGH TEMPERATURES DURING PROCESSING.
7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	STORE IN TIGHTLY-CLOSED, ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED AREA, AWAY FROM POTENTIAL SOURCES OF IGNITION AND PROTECTED FROM LIGHT.
7.3 SPECIFIC END USE(S)	SUITABLE FOR FLAVOURS, FRAGRANCES, COSMETICS AND PROFESSIONAL USE ONLY. USE IN ACCORDANCE WITH GOOD MANUFACTURING AND INDUSTRIAL HYGIENE PRACTICES. NOT FOR PERSONAL USE IN THIS CONCENTRATION.

SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 CONTROL PARAMETERS	NO ADDITIONAL DATA AVAILABLE.
8.2 EXPOSURE CONTROLS 	
EYE PROTECTION	AVOID CONTACT WITH EYES. WEAR SAFETY GOGGLES IN ACCORDANCE WITH STANDARD EN166.
HAND PROTECTION	WEAR SUITABLE PROTECTIVE GLOVES THAT ARE RESISTANT TO CHEMICAL AGENTS IN ACCORDANCE WITH STANDARD EN374.
RESPIRATORY EQUIPMENT	USUALLY NOT REQUIRED IN A WELL-VENTILATED AREA. IN CONFINED OR POORLY VENTILATED AREA APPROVED RESPIRATORY MASKS MAY BE REQUIRED.
HYGIENE MEASURES	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.
ENGINEERING MEASURES	PROVIDE ADEQUATE VENTILATION OR RESPIRATORY PROTECTION.
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.

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**ENVIROMENTAL EXPOSURE CONTROLS**

AVOID DISCHARGING INTO DRAINAGE WATER. ONLY ELIMINATE BY AUTHORISED COMPANIES.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**9.1
PHYSICAL & CHEMICAL PROPERTIES**

APPEARANCE	LIQUID
COLOUR	COLOURLESS - YELLOW – GREEN
ODOUR	CHARACTERISTIC - LEMON
RELATIVE DENSITY	0.840 – 0.870 @ 25°C
FLASH POINT (°C)	>49°C
REFRACTIVE INDEX @ 20 °C	1.465 – 1.480 @ 20°C
SOLUBILITY IN WATER @ 20 °C	NEGLIGIBLE IN WATER. SOLUBLE IN ALCOHOL AND OTHER OILS.
AUTO-IGNITION TEMPERATURE (°C)	> 235.0

**9.2
OTHER INFORMATION**

NO DATA.

SECTION 10: STABILITY & REACTIVITY**10.1
REACTIVITY**

PRESENTS NO SIGNIFICANT REACTIVITY HAZARDS, BY ITSELF OR IN CONTACT WITH WATER. STABLE UNDER NORMAL TEMPERATURE AND STORAGE CONDITIONS AND RECOMMENDED USE.

**10.2
CHEMICAL STABILITY**

STABLE UNDER NORMAL TEMPERATURE AND STORAGE CONDITIONS AND RECOMMENDED USE.

**10.3
POSSIBILITY OF HAZARDOUS REACTIONS**

NOT EXPECTED UNDER NORMAL CONDITIONS OF USE.

**10.4
CONDITIONS TO AVOID**

KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. PREVENT STORING THE PRODUCT IN OPEN CONTAINERS FOR LONG PERIODS SO AS TO PREVENT PRODUCT DETERIORATION.

**10.5
INCOMPATIBLE MATERIALS**

AVOID CONTACT WITH STRONG ACIDS, ALKALIS AND OXIDISING AGENTS.

**10.6
HAZARDOUS DECOMPOSITION PRODUCTS**

NOT EXPECTED UNDER NORMAL TEMPERATURE CONDITIONS AND RECOMMENDED USE.

THERMAL DECOMPOSITION MAY RELEASE/FORM OXIDES OF CARBON (CARBON MONOXIDE, CARBON DIOXIDE) AND OTHER TOXIC GASES.

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1

TOXICOLOGICAL EFFECTS

ACUTE TOXICITY	NOT CLASSIFIED
SKIN IRRITATION	CAUSES SKIN IRRITATION.
EYE DAMAGE OR IRRITATION	NOT CLASSIFIED AS IRRITATING TO THE EYE. (TESTED ACCORDING TO OECD GUIDELINE NO 405)
RESPIRATORY OR SKIN SENSITIVITY	MAY CAUSE AN ALLERGIC SKIN REACTION. (OECD GUIDELINE 429)
GERM CELL MUTAGENICITY	NOT CLASSIFIED.
CARCINOGENICITY	NOT CLASSIFIED.
REPRODUCTIVE TOXICITY	THE CLP CALCULATION CLASSIFIES THE PRODUCT AS REPR. 2, H361 - SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. ALTHOUGH PRODUCT CONTAINS SUBSTANCES CLASSIFIED AS H361, THE REACH REGISTRATION INFORMATION DOES NOT CLASSIFY THE PRODUCT AS TOXIC FOR REPRODUCTION.
STOT – SINGLE EXPOSURE	NOT CLASSIFIED.
STOT – REPEATED EXPOSURE	NOT CLASSIFIED.
ASPIRATION HAZARD	MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
PHOTO-TOXICITY	DUE TO THE PRESENCE OF FUROCOUMARINS, THE PRODUCT MAY HAVE PHOTOTOXIC EFFECTS.
OTHER INFORMATION	NO DATA.

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

The CLP additivity calculation classifies the product as Aquatic Chronic 1- H410 (Very toxic to aquatic life with long lasting effects). However, based on ecotoxicological data Lemon Oil is classified as Toxic to aquatic life with long lasting effects.

Algae/aquatic plants:

72h ELr50 *Desmodesmus subspicatus* 150mg/l (WAF)

72h NOECr ~50mg/l (OECD 201, WAF)

Fish:

96h EL50 *Danio rerio* 5.65mg/l

96h LC50 2.76mg/l (OECD 203, WAF)

Aquatic invertebrates:

48h EL50 *Daphnia magna* 1.1mg/l

NOEL 0.48mg/l (OECD 202, WAF)

12.2

PERSISTENCE & DEGRADABILITY

READILY BIODEGRADABLE.

12.3

BIO- ACCUMULATIVE POTENTIAL

AS THE MATERIAL IS READILY BIODEGRADABLE, BIO-ACCUMULATION IS NOT EXPECTED.

12.4

MOBILITY IN SOIL

AS THE MATERIAL IS READILY BIODEGRADABLE, TESTS IN SURFACE WATER, SEDIMENT AND SOIL ARE NOT REQUIRED.

12.5

RESULTS OF PBT & VPVB ASSESSMENT

THIS SUBSTANCE DOES NOT MEET THE PBT/VPVB CRITERIA OF REACH, ANNEX XIII.

12.6

OTHER ADVERSE EFFECTS

DO NOT DISCHARGE INTO THE ENVIRONMENT ESPECIALLY NOT INTO WATERWAYS, SEWERS AND THE SEA.

SECTION 13: DISPOSAL INFORMATION

13.1

WASTE TREATMENT METHODS

DO NOT ALLOW ENTRY INTO DRAINS OR WATERWAYS.

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THE OIL FAMILY

WASTE:

WASTE MANAGEMENT IS CARRIED OUT WITHOUT ENDANGERING HUMAN HEALTH, WITHOUT HARMING THE ENVIRONMENT AND, IN PARTICULAR WITHOUT RISK TO WATER, AIR, SOIL, PLANTS OR ANIMALS. RECYCLE OR DISPOSE OF WASTE IN COMPLIANCE WITH CURRENT LEGISLATION, PREFERABLY VIA A CERTIFIED COLLECTOR OR COMPANY.

DO NOT CONTAMINATE THE GROUND OR WATER WITH WASTE. DO NOT DISPOSE OF WASTE INTO THE ENVIRONMENT.

SOILED PACKAGING:

EMPTY CONTAINER COMPLETELY. KEEP LABEL(S) ON CONTAINER.

DISPOSE OF VIA A CERTIFIED DISPOSAL CONTRACTOR.

SECTION 14: TRANSPORT INFORMATION

**14.1
TRANSPORT INFORMATION**

UN NUMBER

ROAD: 1169

RAIL: 1169

AIR: 1169

**14.2
UN SHIPPING NAME**

EXTRACTS, AROMATIC, LIQUID

**14.3
TRANSPORT HAZARD CLASS(ES)**

ADR/RID

ADR/RID – CLASS 3

ADR CLASSIFICATION CODE – F1

SPECIAL PROVISIONS – 601

LIMITED QUANTITIES – 5L

EXPECTED QUANTITIES – E1

EMERGENCY ACTION CODE – 3Y

TUNNEL RESTRICTION CODE – D/E

IMDG

IMDG – CLASS 3

SPECIAL PROVISIONS – 601

LIMITED QUANTITIES – 5L

EXPECTED QUANTITIES – E1

IMDG EMS – F-E, S-D

STOWAGE AND HANDLING – CATEGORY A

ICAO/IATA

ICAO/IATA – CLASS 3

IATA PROPER SHIPPING NAME - EXTRACTS, AROMATIC, LIQUID

EXPECTED QUANTITIES – E1



**14.4
PACKING GROUP**

ADR/RID/ADN PACKING GROUP III

IMDG PACKING GROUP III

ICAO PACKING GROUP III

**14.5
ENVIROMENTAL HAZARDS**



14.6

CONTAINS CONSTITUENTS THAT ARE FLAMMABLE & DANGEROUS TO THE ENVIRONMENT.

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SPECIAL PRECAUTIONS FOR USER	
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 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. H302 HARMFUL IF SWALLOWED. 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. H361 SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. 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.

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THE OIL FAMILY

OTHER INFORMATION	THE CLP CALCULATION CLASSIFIES THE PRODUCT AS: 1. REPR. 2, H361 (SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD). 2. AQUATIC CHRONIC 1 - H410 (VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS). HOWEVER BASED REACH INFORMATION LEMON OIL: IS NOT CLASSIFIED AS TOXIC FOR REPRODUCTION. IS CLASSIFIED AS HAZARDOUS TO THE AQUATIC ENVIRONMENT AQUATIC CHRONIC 2 – 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
10/04/2018	DATA LAUNCH
26/11/2020	REVIEW
12/05/2021	REVIEW
08/11/2021	REVIEW

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