



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	ELEM1, ESSENTIAL OIL				
BIOLOGICAL DEFINITION	"ELEM1 RESIN OIL". CANARIUM LUZONICUM GUM OIL IS AN ESSENTIAL OIL OBTAINED FROM THE RESIN EXUDATE OF THE ELEM1, CANARIUM LUZONICUM SYN. C. COMMUNE, BURSERACEAE.				
INCI NAME	CANARIUM LUZONICUM GUM OIL				
SYNONYMS & TRADE NAMES	-				
INTERNAL PRODUCT CODE	K0173				
CAS-No	NOT LISTED.	EC No.	NOT LISTED.	EINECS No.	NOT LISTED.

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.
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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 DISPLAYED IN SECTION 1 6. HUMAN HEALTH MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. THE LIQUID MAY BE IRRITATING TO SKIN. MAY CAUSE SENSITISATION OR ALLERGIC REACTIONS IN SENSITIVE INDIVIDUALS. ENVIRONMENTAL THE PRODUCT CONTAINS A SUBSTANCE WHICH IS TOXIC TO AQUATIC ORGANISMS AND WHICH MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT. PHYSICOCHEMICAL FLAMMABLE LIQUID
CLASSIFICATION (67/548/EEC)	NO ADDITIONAL DATA AVAILABLE.
CLASSIFICATION (EU1272/2008)	PHYSICAL AND CHEMICAL HAZARDS: FLAM. LIQ. 3 - H226 HUMAN HEALTH: SKIN IRRIT. 2 - H315 SKIN SENS. 1 - H317 ASP. TOX. 1 - H304 ENVIRONMENT: AQUATIC ACUTE 1 - H400 AQUATIC CHRONIC 1 - H410
2.2 LABEL ELEMENTS	LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.
GHS LABEL	    GHS02 GHS07 GHS07 GHS08 GHS09
SIGNAL WORD	DANGER.
CONTAINS	D-LIMONENE, ALPHA-PHELLANDRENE, P-CYMENTE, ALPHA- PINENE, BETA- PINENE, ALPHA- TERPINOLENE
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. H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
SIGNAL WORD	DANGER.
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. P331 Do NOT induce vomiting. P391 Collect spillage. P262 Do not get in eyes, on skin, or on clothing.
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	P210 KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. NO SMOKING. P233 KEEP CONTAINER TIGHTLY CLOSED. P240 GROUND/ BOND CONTAINER AND RECEIVING EQUIPMENT. P241 USE EXPLOSION-PROOF ELECTRICAL EQUIPMENT. P242 USE ONLY NON-SPARKING TOOLS. P243 TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE. P261 AVOID BREATHING VAPOUR/ SPRAY. P264 WASH CONTAMINATED SKIN THOROUGHLY AFTER HANDLING. P272 CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE. 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/ SHOWER. 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. P362+P364 TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE.

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	P370+P378 IN CASE OF FIRE: USE FOAM, CARBON DIOXIDE, DRY POWDER OR WATER FOG TO EXTINGUISH. P403+P235 STORE IN A WELL-VENTILATED PLACE. KEEP COOL. 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	
3.1 SUBSTANCES	NA
3.2 MIXTURES	< 65% D-LIMONENE CAS-No: 5989-27-5 EC No: 227-813-5 CLASSIFICATION (EC 1272/2008): M FACTOR (ACUTE) = 1 M FACTOR (CHRONIC) = 1 FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, ASP. TOX. 1 - H304, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410 5-15% ALPHA- PHELLANDRENE CAS-No: 99-83-2 EC No: 202-792-5 CLASSIFICATION (EC 1272/2008): FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304 1-5% 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 1-5% P-MENTH-1-EN-8-OL CAS-No: 98-55-5 EC No: 202-680-6 CLASSIFICATION (EC 1272/2008): SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319 1-4% P-CYMENE CAS-No: 99-87-6 EC No: 202-796-7 CLASSIFICATION (EC 1272/2008): FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319 < 5% ALPHA- TERPINOLENE CAS-No: 586-62-9 EC No: 209-578-0 CLASSIFICATION (EC 1272/2008): M FACTOR (ACUTE) = 1 M FACTOR (CHRONIC) = 1 SKIN SENS. 1 - H317, ASP. TOX. 1 - H304, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410 < 1% ALPHA- PINENE CAS-No: 80-56-8 EC No: 201-291-9 CLASSIFICATION (EC 1272/2008): M FACTOR (ACUTE) = 1 M FACTOR (CHRONIC) = 1 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 < 1% BETA- PINENE CAS-No: 127-91-3 EC No: 204-872-5 CLASSIFICATION (EC 1272/2008): M FACTOR (ACUTE) = 1 M FACTOR (CHRONIC) = 1 FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, ASP. TOX. 1 - H304, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410

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SECTION 4: FIRST AID MEASURES	
4.1 DESCRIPTION OF FIRST AID MEASURES	
GENERAL INFORMATION	ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.
INHALATION	REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING. IF BREATHING STOPS, PROVIDE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION IF ANY DISCOMFORT CONTINUES.
INGESTION	GET MEDICAL ATTENTION IMMEDIATELY. IMMEDIATELY CALL THE DOCTOR. 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 BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. SKIN CONTACT: MAY CAUSE AN ALLERGIC SKIN
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. DO NOT USE WATER JETS.
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	PERSONAL PRECAUTIONS: PROVIDE ADEQUATE VENTILATION. AVOID CONTACT WITH SKIN AND EYES. AVOID INHALATION OF VAPOURS. WEAR PROTECTIVE CLOTHING AND GLOVES. FOR EMERGENCY RESPONDERS: WEAR AN APPROPRIATE NIOSH / MSHA APPROVED RESPIRATOR IF MIST OR VAPOUR IS GENERATED.
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. COVER WITH AN INERT, INORGANIC, NON-COMBUSTIBLE ABSORBENT MATERIAL (E.G DRY-LIME, SAND, SODA ASH).
6.4 REFERENCES TO OTHER SECTIONS	FOR PERSONAL PROTECTION, SEE SECTION 8. FOR WASTE DISPOSAL, SEE 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	STORAGE CLASS: FLAMMABLE LIQUID STORAGE. STORE ONLY IN THE ORIGINAL RECEPTACLE. KEEP CONTAINER TIGHTLY SEALED. KEEP IN COOL, DRY, VENTILATED STORAGE AND CLOSED CONTAINERS. KEEP AWAY FROM HEAT.
7.3 SPECIFIC END USE(S)	NO ADDITIONAL DATA AVAILABLE.
SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION	

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THE OIL FAMILY

8.1 CONTROL PARAMETERS

D-LIMONENE (CAS: 5989-27-5)

DNEL WORKERS - INHALATION; LONG TERM SYSTEMIC EFFECTS: 33.3 MG/M³
GENERAL POPULATION - ORAL; LONG TERM SYSTEMIC EFFECTS: 4.76 MG/KG

PNEC - STP; 1.8 MG/L
- SOIL; 0.262 MG/KG
- FRESH WATER; 0.0054 MG/L
- MARINE WATER; 0.00054 MG/L
- SEDIMENT (FRESH WATER); 1.32 MG/KG
- SEDIMENT (MARINE WATER); 0.13 MG/KG

1, 8 CINEOLE (CAS: 470-82-6)

DNEL WORKERS - INHALATION; LONG TERM SYSTEMIC EFFECTS: 7.05 MG/M³
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 - FRESH WATER; SHORT TERM 5.7 MG/L
- INTERMITTENT RELEASE, FRESH WATER; 0.57 MG/L
- MARINE WATER; SHORT TERM 5.7 MG/L
- STP; SHORT TERM 10 MG/L
- SEDIMENT (FRESHWATER); SHORT TERM 1.425 MG/KG
- SEDIMENT (MARINE WATER); SHORT TERM 0.142 MG/KG
- SOIL; SHORT TERM 0.25 MG/KG

P-MENTH-1-EN-8-OL (CAS: 98-55-5)

PNEC - FRESH WATER; SHORT TERM 68 MG/L
- MARINE WATER; SHORT TERM 6.8 MG/L
- STP; SHORT TERM 2.6 MG/L
- SEDIMENT (FRESHWATER); SHORT TERM 1.85 MG/KG
- SEDIMENT (MARINE WATER); SHORT TERM 0.185 MG/KG
- SOIL; SHORT TERM 0.329 MG/KG

ALPHA PINENE (CAS: 80-56-8)

DNEL WORKERS - INHALATION; LONG TERM SYSTEMIC EFFECTS: 3.8 MG/M³
WORKERS - DERMAL; LONG TERM SYSTEMIC EFFECTS: 0.54 MG/KG, BW/DAY
GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 0.67 MG/M³
GENERAL POPULATION - DERMAL; LONG TERM SYSTEMIC EFFECTS: 0.19 MG/KG, BW/DAY
GENERAL POPULATION - ORAL; LONG TERM SYSTEMIC EFFECTS: 0.19 MG/KG, BW/DAY

PNEC - FRESH WATER; SHORT TERM 0.606 MG/L
- FRESH WATER, INTERMITTENT RELEASE; 3.03 MG/L
- MARINE WATER; SHORT TERM 0.061 MG/L
- INTERMITTENT RELEASE, MARINE WATER; 0.303 MG/L
- STP; SHORT TERM 0.2 MG/L
- SEDIMENT (FRESHWATER); SHORT TERM 157 MG/KG
- SEDIMENT (MARINE WATER); SHORT TERM 15.7 MG/KG
- SOIL; SHORT TERM 31.7 MG/KG

ALPHA- TERPINOLENE (CAS: 586-62-9)

DNEL WORKERS - INHALATION; LONG TERM SYSTEMIC EFFECTS: 3.6 MG/M³
WORKERS - DERMAL; LONG TERM SYSTEMIC EFFECTS: 0.52 BW/DAY, MG/KG
GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 0.9 MG/M³
GENERAL POPULATION - DERMAL; LONG TERM SYSTEMIC EFFECTS: 0.26 BW/DAY, MG/KG
GENERAL POPULATION - ORAL; LONG TERM SYSTEMIC EFFECTS: 0.26 BW/DAY, MG/KG

PNEC - FRESH WATER; SHORT TERM 0.634 MG/L
- INTERMITTENT RELEASE, FRESH WATER; SHORT TERM 0.634 MG/L
- MARINE WATER; SHORT TERM 0.063 MG/L
- STP; SHORT TERM 0.2 MG/L
- SEDIMENT (FRESHWATER); SHORT TERM 14.7 MG/KG
- SEDIMENT (MARINE WATER); SHORT TERM 14.7 MG/KG
- SOIL; SHORT TERM 29.1 MG/KG

BETA PINENE (CAS: 127-91-3)

DNEL WORKERS - INHALATION; LONG TERM SYSTEMIC EFFECTS: 5.69 MG/M³
WORKERS - DERMAL; LONG TERM SYSTEMIC EFFECTS: 0.8 MG/KG, BW/DAY
GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 1 MG/M³
GENERAL POPULATION - DERMAL; LONG TERM SYSTEMIC EFFECTS: 0.3 BW/DAY, MG/KG
GENERAL POPULATION - ORAL; LONG TERM SYSTEMIC EFFECTS: 0.3 MG/KG, BW/DAY

PNEC - FRESH WATER; SHORT TERM 1.004 MG/L
- INTERMITTENT RELEASE, FRESH WATER; 5.02 MG/L
- MARINE WATER; SHORT TERM 0.1 MG/L

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	- STP; SHORT TERM 3.26 MG/L - SEDIMENT (FRESHWATER); SHORT TERM 0.337 MG/KG - SEDIMENT (MARINE WATER); SHORT TERM 0.034 MG/KG - SOIL; SHORT TERM 0.067 MG/KG
8.2 EXPOSURE CONTROLS	
	
EYE PROTECTION	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. AVOID CONTACT WITH EYES. WEAR APPROVED SAFETY GOGGLES. (EN166)
HAND PROTECTION	AVOID CONTACT WITH SKIN. WASH HANDS BEFORE BREAKS AND AT END OF WORK. WEAR PROTECTIVE GLOVES. DIN/EN 374. THE GLOVE MATERIAL HAS TO BE IMPERMEABLE AND RESISTANT TO THE PRODUCT/ THE SUBSTANCE/ THE PREPARATION. PENETRATION TIME OF GLOVE MATERIAL: THE EXACT BREAK THROUGH TIME HAS TO BE FOUND OUT BY THE MANUFACTURER OF THE PROTECTIVE GLOVES AND HAS TO BE OBSERVED.
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.
HYGIENE MEASURES	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.
ENGINEERING MEASURES	PROVIDE ADEQUATE VENTILATION.
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. AVOID CONTACT WITH SKIN AND EYES. USE PERSONAL PROTECTION ACCORDING TO DIRECTIVE 89/686/EEC.
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. ONLY ELIMINATE BY AUTHORISED COMPANIES.
SECTION 9: PHYSICAL & CHEMICAL PROPERTIES	
9.1 PHYSICAL & CHEMICAL PROPERTIES	
APPEARANCE	LIQUID
COLOUR	COLOURLESS - YELLOW.
ODOUR	CHARACTERISTIC, BALSAMIC,SPICY.
RELATIVE DENSITY @ 20°C	APPROX. 0.880 @ 20°C
FLASH POINT (°C)	54 °C.
REFRACTIVE INDEX @ 20 °C	APPROX. 1.481 @ 20°C
SOLUBILITY IN WATER @ 20 °C	NO ADDITIONAL DATA AVAILABLE.
9.2 OTHER INFORMATION	NO ADDITIONAL DATA AVAILABLE.
SECTION 10: STABILITY & REACTIVITY	
10.1 REACTIVITY	THE SUBSTANCE IS STABLE UNDER NORMAL STORAGE AND HANDLING CONDITIONS.
10.2 CHEMICAL STABILITY	STABLE AT NORMAL AMBIENT TEMPERATURE.

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10.3 POSSIBILITY OF HAZARDOUS REACTIONS	NONE UNDER NORMAL PROCESSING.
10.4 CONDITIONS TO AVOID	STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C. AVOID HEAT, FLAMES AND OTHER SOURCES OF IGNITION.
10.5 INCOMPATIBLE MATERIALS	AVOID STRONG OXIDISING AGENTS AND STRONG REDUCING AGENTS.
10.6 HAZARDOUS DECOMPOSITION PRODUCTS	CARBON DIOXIDE (CO ₂). CARBON MONOXIDE (CO).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 TOXICOLOGICAL EFFECTS	
ACUTE TOXICITY	NOT CLASSIFIED.
SKIN IRRITATION	CAUSES SKIN IRRITATION.
EYE DAMAGE OR IRRITATION	NOT CLASSIFIED.
RESPIRATORY OR SKIN SENSITIVITY	MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
GERM CELL MUTAGENICITY	NOT CLASSIFIED.
CARCINOGENICITY	NOT CLASSIFIED.
REPRODUCTIVE TOXICITY	NOT CLASSIFIED.
STOT – SINGLE EXPOSURE	NOT CLASSIFIED.
STOT – REPEATED EXPOSURE	NOT CLASSIFIED.
ASPIRATION HAZARD	MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
OTHER INFORMATION	NO DATA.

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY	VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
12.2 PERSISTENCE & DEGRADABILITY	NO DATA.
12.3 BIO- ACCUMULATIVE POTENTIAL	NO DATA
12.4 MOBILITY IN SOIL	NO DATA
12.5 RESULTS OF PBT & VPVB ASSESSMENT	NO DATA.
12.6 OTHER ADVERSE EFFECTS	DO NOT ALLOW TO ENTER STREAMWAYS.

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: UN 1169 SEA: UN 1169 AIR: UN 1169
14.2 UN SHIPPING NAME		EXTRACT, AROMATIC, LIQUID
14.3 TRANSPORT HAZARD CLASS(ES)		ADR/RID/ADN CLASS: 3 FLAMMABLE LIQUID. IMDG CLASS: 3 FLAMMABLE LIQUID. ICAO CLASS/DIVISION: 3 FLAMMABLE LIQUID. TRANSPORT LABELS: 
14.4 PACKING GROUP		ADR/RID/ADN PACKING GROUP III IMDG PACKING GROUP III ICAO PACKING GROUP III
14.5 ENVIROMENTAL HAZARDS		ENVIRONMENTALLY HAZARDOUS / MARINE POLLUTANT. 
14.6 SPECIAL PRECAUTIONS FOR USER		EMS F-E, S-D ADR TRANSPORT CATEGORY 3 EMERGENCY ACTION CODE 3Y HAZARD IDENTIFICATION NUMBER(ADR/RID) 30 TUNNEL RESTRICTION CODE (D/E)
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.		NO ADDITIONAL DATA AVAILABLE.
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).

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THE OIL FAMILY

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	ASSESSMENT HAS NOT BEEN CARRIED OUT AS THIS IS A NON-HAZARDOUS MATERIAL ACCORDING TO ARTICLE 31 OF REACH 1907/2006.

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. H400 VERY TOXIC TO AQUATIC LIFE. H410 VERY 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
2021	REVIEW

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