



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	CAMPBOR WHITE, ESSENTIAL OIL				
BIOLOGICAL DEFINITION	CINNAMOMUM CAMPHORA BARK OIL IS THE VOLATILE OIL EXPRESSED, BY STEAM DISTILLATION, FROM THE BARK OF THE CAMPHOR, CINNAMOMUM CAMPHORA (L.), LAURACEAE.				
INCI NAME	CINNAMOMUM CAMPHORA BARK OIL				
SYNONYMS & TRADE NAMES	-				
INTERNAL PRODUCT CODE	K0096				
CAS-No	92201-50-8 / 8022-91-1 / 8008-51-3	EC No.	295-980-1	EINECS No.	295-980-1

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 IS DISPLAYED IN SECTION 16.
CLASSIFICATION (67/548/EEC)	NO ADDITIONAL DATA AVAILABLE.
CLASSIFICATION (EU1272/2008)	ASPIRATION TOXICITY CATEGORY 1 - (H304). SKIN CORROSION/IRRITATION CATEGORY 2 - (H315). SERIOUS EYE DAMAGE/EYE IRRITATION CATEGORY 2 - (H319). SKIN SENSITIZATION CATEGORY 1B - (H317). CHRONIC AQUATIC TOXICITY CATEGORY 2 - (H411). FLAMMABLE LIQUIDS CATEGORY 3 - (H226).
2.2 LABEL ELEMENTS	LABEL IN ACCORDANCE WITH REGULATION (EC) No 1272/2008.
GHS LABEL	   
SIGNAL WORD	DANGER.
CONTAINS	LIMONENE, ALPHA-PINENE, PARA-CYMENE, P-MENTHA-1,4-DIENE, BETA-PINENE, 7-METHYL-3-METHYLENEOCTA-1,6-DIENE, SABINENE, ALPHA-TERPINOLENE, ALPHA-PHELLANDRENE
HAZARDS STATEMENT	<i>H226 Flammable liquid and vapour.</i> <i>H315 Causes skin irritation.</i> <i>H319 Causes serious eye irritation.</i> <i>H317 May cause an allergic skin reaction.</i> <i>H410 Very toxic to aquatic life with long lasting effects.</i> <i>H304 May be fatal if swallowed and enters airways.</i>
SIGNAL WORD	DANGER.
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 AND BOND CONTAINER AND RECEIVING EQUIPMENT. P241 USE EXPLOSION-PROOF ELECTRICAL EQUIPMENT. P242 USE NON-SPARKING TOOLS. P243 TAKE ACTION TO PREVENT STATIC DISCHARGES. 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 OR SHOWER. P305+P351+P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. 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. 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.
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	NONE.
SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.	

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2.3 OTHER HAZARDS	
ADVERSE PHYSIO-CHEMICAL PROPERTIES	TOXIC TO AQUATIC LIFE.
ADVERSE EFFECTS ON HUMAN HEALTH	MAY BE HARMFUL IF SWALLOWED MAY BE HARMFUL IN CONTACT WITH SKIN.
PBT OR VPVB ACCORDING TO ANNEX XIII	NO DATA.
SECTION 3: COMPOSITION OF INGREDIENTS	
3.1 SUBSTANCES	33 - 45% 1,8 CINEOL CAS No: 470-82-6 EC No: 207-431-5 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, SKIN SENS. 1B - H317
	8 - 36% 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
	4 - 17% 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, SKIN IRRIT. 2 - H315 SKIN SENS. 1 - H317, ASP. TOX. 1 - H304, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410
	1 - 7.0 % PARA- CYMENE CAS No: 99-87-6 EC No: 202-796-7 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319 ASP. TOX. 1 - H304, STOT SE 3 - H335
	0.5 - 10% P-MENTHA-1,4-DIENE CAS No: 99-85-4 EC No: 202-794-6 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304
	0.7 - 9% 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
	0.5 - 4% ALPHA- PHELLANDRENE CAS No: 99-83-2 EC No: 202-72-5 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304
	0.5 - 8% 7-METHYL-3-METHYLENEOCTA-1,6-DIENE (MYRCENE) CAS No: 123-35-3 EC No: 204-622-5 CLASSIFICATION (EC 1272/2008) M FACTOR (ACUTE) = 1 M FACTOR (CHRONIC) = 1 FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319 ASP. TOX. 1 - H304, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410
	0.1 - 12% SABINENE CAS No: 3387-41-5 EC No: 222-212-4 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319 SKIN SENS. 1 - H317, STOT SE 3 - H335, ASP. TOX. 1 H304
	0.09 - 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
	0.02 - 3% P-MENTH-1-EN-8-OL CAS No: 98-55-5 EC No: 202-680-6

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	CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319
	0.01 - 3% TERPINENE-1-OL-4 CAS No: 562-74-3 EC No: 209-235-5
	CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 - H302, SKIN IRRIT. 2 - H315, SKIN SENS. 1 H317, EYE IRRIT. 2 - H319, STOT SE 3 H336

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. 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)	NONE KNOWN.
4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	NONE EXPECTED, SEE SECTION 4.1 FOR FURTHER INFORMATION.

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. AVOID INHALATION.
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	REFER & CONSIDER SECTION 12.

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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)

RISK MANAGEMENT METHODS (RMM)
THE INFORMATION REQUIRED IS CONTAINED IN THIS MATERIAL SAFETY DATA

SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1

CONTROL PARAMETERS

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

DNEL

WORKERS - INHALATION;

WORKERS - DERMAL;

GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 1.74 MG/M³

GENERAL POPULATION - DERMAL;

GENERAL POPULATION - ORAL;

PNEC

FRESH WATER;

INTERMITTENT RELEASE,

MARINE WATER;

STP;

SEDIMENT (FRESH WATER);

SEDIMENT (MARINE WATER);

SOIL;

LONG TERM SYSTEMIC EFFECTS: 7.05 MG/M³

LONG TERM SYSTEMIC EFFECTS: 2 MG/KG, BW/DAY

LONG TERM SYSTEMIC EFFECTS: 1 BW/DAY, MG/KG

LONG TERM SYSTEMIC EFFECTS: 600 BW/DAY, MG/KG

SHORT TERM 5.7 MG/L

FRESH WATER; 0.57 MG/L

SHORT TERM 5.7 MG/L

SHORT TERM 10 MG/L

SHORT TERM 1.425 MG/KG

SHORT TERM 0.142 MG/KG

SHORT TERM 0.25 MG/KG

ALPHA- PINENE (CAS: 80-56-8)

DNEL

WORKERS - INHALATION;

WORKERS - DERMAL;

GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 0.67 MG/M³

GENERAL POPULATION - DERMAL;

GENERAL POPULATION - ORAL;

PNEC

FRESH WATER;

FRESH WATER,

MARINE WATER;

INTERMITTENT RELEASE,

STP;

SEDIMENT (FRESH WATER);

SEDIMENT (MARINE WATER);

SOIL;

LONG TERM SYSTEMIC EFFECTS: 3.8 MG/M³

LONG TERM SYSTEMIC EFFECTS: 0.54 MG/KG, BW/DAY

LONG TERM SYSTEMIC EFFECTS: 0.19 MG/KG, BW/DAY

LONG TERM SYSTEMIC EFFECTS: 0.19 MG/KG, BW/DAY

SHORT TERM 0.606 MG/L

INTERMITTENT RELEASE; 3.03 MG/L

SHORT TERM 0.061 MG/L

MARINE WATER; 0.303 MG/L

SHORT TERM 0.2 MG/L

SHORT TERM 157 MG/KG

SHORT TERM 15.7 MG/KG

SHORT TERM 31.7 MG/KG

BETA- PINENE (CAS: 127-91-3)

DNEL

WORKERS - INHALATION;

WORKERS - DERMAL;

GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 1 MG/M³

GENERAL POPULATION - DERMAL;

GENERAL POPULATION - ORAL;

PNEC

FRESH WATER;

INTERMITTENT RELEASE,

MARINE WATER;

STP;

SEDIMENT (FRESH WATER);

SEDIMENT (MARINE WATER);

SOIL;

LONG TERM SYSTEMIC EFFECTS: 5.69 MG/M³

LONG TERM SYSTEMIC EFFECTS: 0.8 MG/KG, BW/DAY

LONG TERM SYSTEMIC EFFECTS: 0.3 BW/DAY, MG/KG

LONG TERM SYSTEMIC EFFECTS: 0.3 MG/KG, BW/DAY

SHORT TERM 1.004 MG/L

FRESH WATER; 5.02 MG/L

SHORT TERM 0.1 MG/L

SHORT TERM 3.26 MG/L

SHORT TERM 0.337 MG/KG

SHORT TERM 0.034 MG/KG

SHORT TERM 0.067 MG/KG

7-METHYL-3-METHYLENEOCTA-1,6-DIENE (CAS: 123-35-3)

DNEL WORKERS - DERMAL;

LONG TERM SYSTEMIC EFFECTS: 0.83 MG/KG

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WORKERS - INHALATION;	LONG TERM SYSTEMIC EFFECTS: 5.83 MG/M ³
GENERAL POPULATION - DERMAL;	LONG TERM SYSTEMIC EFFECTS: 0.42 MG/KG
GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS:	1.25 MG/M ³
PNEC	
STP;	0.2 MG/L
SOIL;	1.015 MG/KG
FRESH WATER;	0.00028 MG/L
MARINE WATER;	0.0008 MG/L
SEDIMENT (FRESH WATER);	5.022 MG/KG
SEDIMENT (MARINE WATER);	0.502 MG/KG
ALPHA- TERPINOLENE (CAS: 586-62-9)	
DNEL	
WORKERS - INHALATION;	LONG TERM SYSTEMIC EFFECTS: 3.6 MG/M ³
WORKERS - DERMAL;	LONG TERM SYSTEMIC EFFECTS: 0.52 BW/DAY, MG/KG
GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS:	0.9 MG/M ³
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 (FRESH WATER);	SHORT TERM 14.7 MG/KG
SEDIMENT (MARINE WATER);	SHORT TERM 14.7 MG/KG
SOIL;	SHORT TERM 29.1 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 (FRESH WATER);	SHORT TERM 1.85 MG/KG
SEDIMENT (MARINE WATER);	SHORT TERM 0.185 MG/KG
SOIL;	SHORT TERM 0.329 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

DO NOT INHALE GASES / FUMES / AEROSOLS. CERTIFIED RESPIRATORY PROTECTIVE DEVICE RECOMMENDED.

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. 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.

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SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

9.1 PHYSICAL & CHEMICAL PROPERTIES	
APPEARANCE	LIQUID
COLOUR	COLORLESS - PALE YELLOW
ODOUR	CHARACTERISTIC
FLASH POINT (°C)	46 °C.
SOLUBILITY IN WATER @ 20 °C	SLIGHTLY SOLUBLE IN WATER. 0.1-100 MG/L
9.2 OTHER INFORMATION	REACH DOSSIER INFORMATION. THE AUTO IGNITION TEMPERATURE OF THE TEST SUBSTANCE WAS MEASURED ACCORDING TO EU A.15/DIN 51794 GUIDELINE. THREE MAIN TESTS WERE PERFORMED, THE RELEVANT PARAMETERS WERE RECORDED AND RESULTS RANGED BETWEEN 254 AND 255°C. THE LOWEST RESULT, ROUNDED DOWN TO 5°C, I.E., 250°C IS RETAINED.

SECTION 10: STABILITY & REACTIVITY

10.1 REACTIVITY	PRESENTS NO SIGNIFICANT REACTIVITY HAZARDS. NO REACTION KNOWN WITH WATER.
10.2 CHEMICAL STABILITY	CHEMICALLY STABLE MATERIAL UNDER THE RECOMMENDED STORAGE AND HANDLING CONDITIONS.
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 CONCENTRATED ACIDS, ALKALIS & OXIDISING AGENTS.
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	NOT CLASSIFIED
SKIN IRRITATION	CAUSES SKIN IRRITATION.
EYE DAMAGE OR IRRITATION	CAUSES SERIOUS EYE IRRITATION.
RESPIRATORY OR SKIN SENSITIVITY	MAY CAUSE AN ALLERGIC SKIN REACTION.
GERM CELL MUTAGENICITY	NOT CLASSIFIED
CARCINOGENICITY	NOT CLASSIFIED
REPRODUCTIVE TOXICITY	NOT CLASSIFIED
STOT – SINGLE EXPOSURE	NOT CLASSIFIED
STOT – REPEATED EXPOSURE	NO DATA.
ASPIRATION HAZARD	MAY BE HARMFUL IF SWALLOWED AND ENTERS AIRWAYS..
OTHER INFORMATION	NO DATA.

SECTION 12: ECOLOGICAL INFORMATION

12.1	NO ADDITIONAL DATA AVAILABLE
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THE OIL FAMILY

TOXICITY	
12.2 PERSISTENCE & DEGRADABILITY	NO DATA.
12.3 BIO- ACCUMULATIVE POTENTIAL	REACH DOSSIER INFORMATION. PARTITION COEFFICIENT, LOG KOW, OF THE SUBSTANCE SABINENE (CAS 3387-41-5), HAS BEEN CALCULATED BY THE MODEL ISAFERAT® HA-QSAR TOOLBOX v1.1. CALCULATION WAS PERFORMED FROM THE INPUT SMILES OF SABINENE,, AND SABINENE FALLS INSIDE THE APPLICABILITY DOMAIN OF THE MODEL. THEREFORE, THE LOG KOW VALUE OF SABINENE IS 4.64. SABINENE CANNOT BE EXCLUDED AS POTENTIAL BIOACCUMULATIVE IN A PBT CONTEXT.
12.4 MOBILITY IN SOIL	NO DATA
12.5 RESULTS OF PBT & VPVB ASSESSMENT	NO DATA.
12.6 OTHER ADVERSE EFFECTS	NO DATA.
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.

SECTION 14: TRANSPORT INFORMATION	
14.1 TRANSPORT INFORMATION	
	UN NUMBER ROAD: UN 1130 SEA: UN 1130 AIR: UN 1130
14.2 UN SHIPPING NAME	CAMPHOR OIL
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.

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14.6 SPECIAL PRECAUTIONS FOR USER		EMS F-E, S-E 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 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		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. H303 - MAY BE HARMFUL IF SWALLOWED. H304 - MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. H315 - CAUSES SKIN IRRITATION. H316 - CAUSES MILD 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. H411 - TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.		
ABBREVIATIONS & ACRONYMS:		



THE OIL FAMILY

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
OCTOBER 2020	REVIEW

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