

Material Safety Data Sheet

EU Regulation: 2020/878

SECTION 1: IDENTIFICATION OF	THE SUBSTANCE	/MIXTURE	AND OF THE COMPANY	/UNDERTAKING	;
1.1 PRODUCT IDENTIFICATION					
PRODUCT NAME	Chamomile Blue, Essential Oil (aka. Matricaria)				
BIOLOGICAL DEFINITION	CHAMOMILLA RECUTITA FLOWER OIL IS THE VOLATILE OIL DISTILLED FROM THE DRIED FLOWER HEADS OF THE MATRICARIA RECUTITA, SYN. CHAMOMILLA RECUTITA (L.), COMPOSITAE.				
INCI NAME	Chamomilla Recutita Flower Oil				
SYNONYMS & TRADE NAMES	-				
INTERNAL PRODUCT CODE	К0118				
CAS-No	8002-66-2 EC No. NOT LISTED EINECS No. NOT LISTED			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.				
EMAIL	TECHNICALCREW@OAND3.COM				
1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DAT	1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET				
EMERGENCY CONTACTS	(07968 200167)				



2.1	
CLASSIFICATION OF THE SUBSTANCE OR MIXTURE	THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.
	PHYSICAL HAZARDS: NOT CLASSIFIED.
CLASSIFICATION (EU1272/2008)	HEALTH HAZARDS: ASP. TOX. 1 - H304, SKIN SENS. 1 - H317
	ENVIRONMENTAL HAZARDS: AQUATIC CHRONIC 2 - H411
2.2 Label Elements	Label in accordance with Regulation (EC) No 1272/2008.
GHS LABEL	
Signal Word	DANGER
CONTAINS	TRANS-BETA FARNESENE
HAZARDS STATEMENT	H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. H317 MAY CAUSE AN ALLERGIC SKIN REACTION. H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
SIGNAL WORD	DANGER.
Precautionary Statements	P261 AVOID BREATHING VAPOURS/SPRAY. P273 AVOID RELEASE TO THE ENVIRONMENT. P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION/HEARING PROTECTION. P301+P310 IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER/DOCTOR. P302+P352 IF ON SKIN: WASH WITH PLENTY OF WATER. P331 DO NOT INDUCE VOMITING. P333+P313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION. P391 COLLECT SPILLAGE. P501 DISPOSE OF CONTENTS IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION.
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	P362+P364 TAKE OFF CONTAMINATED CLOTHING. AND WASH IT BEFORE REUSE.
	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 INGREDIEN	ITS
	≤ 50.0 % ALPHA -B ISABOLOL O XIDE A CAS No: 22567-36-8 EC No: 245-086-2
3.1 Substances	Classification (EC 1272/2008) Aquatic Chronic 2 - H411
	≤ 45.0 % % trans-beta Farnesene CAS No: 18794-84-8 EC No: 242-582-0
	Classification (EC 1272/2008) Asp. Tox. 1 H304

≤4.5% ALPHA-BISABOLOL

CAS No: 515-69-5 EC No: 208-205-9



CLASSIFICATION (EC 1272/2008) SKIN SENS. 1- H317, AQUATIC CHRONIC 2 - H411		
≤ 5.0% CHAMAZULENE CLASSIFICATION (EC 1272/2008) AQUATIC C	CAS NO: 529-05-5 EC NO: 208-449-6 CHRONIC 4 - H413	
≤ 1.85% FARNESOL CAS No: 4602-84-0 EC No: 225-004-1 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, AQUATIC ACUTE 1 - H400,		
AQUATIC CHRONIC 1 - H410		

SECTION 4: FIR	RST 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
	INHALATION	ATTENTION.
	hiorczion	GET MEDICAL ATTENTION IMMEDIATELY. IMMEDIATELY CALL THE DOCTOR. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL
	Ingestion	ATTENTION.
	SKIN CONTACT	REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS.
EYE CONTACT FLUSH IM/		FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN IF SYMPTOMS PERSIST.
4.2 MOST IMPORTANT SYM DELAYED)	PTOMS & EFFECTS (ACUTE &	OBSERVE RISK OF ASPIRATION IF VOMITING OCCURS.
4.3 INDICATION OF ANY IN	MMEDIATE MEDICAL ATTENTION OR	TREAT SYMPOMATICALLY.

5.1 Extinguishing material	FOAM, CO2, DRY CHEMICAL POWDER.
.2 PECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	BURNING PRODUCES IRRITATING, TOXIC AND OBNOXIOUS FUMES
5.3	SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:
Advice for fire-fighters	WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING.
	Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective
6.1	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,
5.1 PERSONAL PRECAUTIONS 5.2	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. DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY
6.1 PERSONAL PRECAUTIONS 6.2 ENVIRONMENTAL 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. DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.
6.1 PERSONAL PRECAUTIONS 6.2 ENVIRONMENTAL PRECAUTIONS 6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING	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. DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES. REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN



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)	THE INFORMATION REQUIRED IS CONTAINED IN THIS MATERIAL SAFETY DATA		
SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION			
8.1 CONTROL PARAMETERS	NO DATA AVAILABLE.		
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			
ENVIRONMENTAL EXILOSORE CONTROLS	AVOID DISCHARGING INTO DRAINAGE WATER.		
SECTION 9: PHYSICAL & CHEMICAL PROPERTIES			
9.1 PHYSICAL & CHEMICAL PROPERTIES			
Appearance	SLIGHTLY VISCOUS LIQUID		
Colour	BLUE-BLACK TURNING BLUE —GREEN /GREEN WITH INCREASING AGE.		
Odour	GIVIN TOTAL CONTROL		
RELATIVE DENSITY @ 20°C	APPROX 0.925		
FLASH POINT (°C)	>100 °C.		
Refractive Index @ 20 °C	APPROX 1.500		
SOLUBILITY IN WATER @ 20 °C	INSOLUBLE IN WATER		



9.2 OTHER INFORMATION	
9.2.1 INFORMATION WITH REGARD TO PHYSICAL HAZARD CLASSES	NO DATA.
9.2.2 OTHER SAFETY CHARACTERISTICS	NO DATA.
SECTION 10: STABILITY & REACTIVITY	
10.1 REACTIVITY	NOT APPLICABLE.
10.2 CHEMICAL STABILITY	Stable under suggested storage conditions (<15°C). Stable under normal 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.

LD50 (ORAL) IN MG/KG: > 5000 LD50 (DERMAL) IN MG/KG: > 5000
NO DATA.
NO DATA.
MAY CAUSE AN ALLERGENIC SKIN REACTION.
NO DATA.
MAYBE FATAL IF ENTERS AIRWAYS
NO DATA.
TOXIX TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
NO DATA.
NO DATA.

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BIO- ACCUMULATIVE POTENTIAL	I
12.4	NO DATA
MOBILITY IN SOIL	NO DATA
12.5	
RESULTS OF PBT & VPVB ASSESSMENT	NO DATA.
12.6	
ENDOCRINE DISRUPTING PROPERTIES	NO DATA.
12.7	
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.

14.1 TRANSPORT INFORMATION					
	UN NUMBER	ROAD: 3082 SEA: 3082			
		AIR: 3082			
14.2 UN SHIPPING NAME		UN MODEL REGULATIONS: EI (FARNESOL, ALPHA-BISABOLOI IMDG: ENVIRONMENTALL BISABOLOL OXIDE A) ADR,RID,AND: ENVIRON ALPHA-BISABOLOL OXIDE A) ICAO TI: ENVIRONMENTA BISABOLOL OXIDE A)	L OXIDE A) Y HAZARDOUS SUBS MENTALLY HAZARDO	STANCE, LIQUID, N DUS SUBSTANCE, I	O.S. (FARNESOL, ALPHA-
14.3 Transport hazard class(es)		ADR/RID ADR/RID ADR/RID—CLASS 9 ADR CLASSIFICATION CODE—SPECIAL PROVISIONS — 27 4 3 LIMITED QUANTITIES — 51 EMERGENCY ACTION CODE— IMDG IMDG—CLASS 9 SPECIAL PROVISIONS — 27 4 3 LIMITED QUANTITIES — 51 EXPECTED QUANTITIES — 51 IMDG EMS—F-A, S-F STOWAGE AND HANDLING—G ICAO/IATA ICAO/IATA—ICAO/IATA—CLASS 9 IATA PROPER SHIPPING NAME EXPECTED QUANTITIES—E1 TRANSPORT LABEL:	•3Z •3Z 335 375 601 CATEGORY A	LY HAZARDOUS SU	JBSTANCE LIQUID N.O.



14.4 PACKING GROUP	ADR/RID/ADN PACKING GROUP III IMDG PACKING GROUP III
1 Adding Group	ICAO PACKING GROUP III
14.5 ENVIROMENTAL HAZARDS	ENVIRONMENTALLY HAZARDOUS / MARINE POLLUTANT.
14.6 SPECIAL PRECAUTIONS FOR USER	see sections 6-8.
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 2020/878 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	NO DATA.

SECTION 16: OTHER INFORMATION	
Hazard and/ or Precautionary Statements in full	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. H400 VERY TOXIC TO AQUATIC LIFE. H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. H413 MAY CAUSE LONG LASTING HARMFUL EFFECTS TO AQUATIC LIFE.
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.

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ADR	ACCORD EUROPEAN SUR LE TRANSPORT DES MERCHANDISES 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 [™] April 2018	Data Launch
MAY 2022	Review
JANUARY 2023	REVIEW