



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	PINE SYLVESTRIS, ESSENTIAL OIL				
BIOLOGICAL DEFINITION	PINUS SYLVESTRIS LEAF OIL IS THE VOLATILE OIL OBTAINED FROM THE NEEDLES OF THE SCOTCH PINE, PINUS SYLVESTRIS L., PINACEAE.				
INCI NAME	PINUS SYLVESTRIS LEAF OIL				
SYNONYMS & TRADE NAMES	-				
INTERNAL PRODUCT CODE	K0354				
CAS-No	8023-99-2 / 84012-35-1	EC No.	281-679-2	EINECS No.	281-679-2

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	(07968 200167)
--------------------	----------------

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with O&3 regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from O&3.

WWW.OAND3.COM

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 (EU1272/2008)	FLAMMABLE LIQUID, HAZARD CATEGORY 3 H226: FLAMMABLE LIQUID AND VAPOR. ACUTE TOXICITY (ORAL), HAZARD CATEGORY 4 H302: HARMFUL IF SWALLOWED. ASPIRATION HAZARD, HAZARD CATEGORY 1 H304: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. SKIN CORROSION/IRRITATION, HAZARD CATEGORY 2 H315: CAUSES SKIN IRRITATION. SKIN SENSIBILIZATION, HAZARD CATEGORY 1 H317: MAY CAUSE AN ALLERGIC SKIN REACTION
2.2 LABEL ELEMENTS	LABEL IN ACCORDANCE WITH REGULATION (EC) No 1272/2008.
GHS LABEL	   
SIGNAL WORD	DANGER.
CONTAINS	ALPHA-PINENE, BETA-PINENE, D-LIMONENE, DELTA-3-CARENE,
HAZARDS STATEMENT	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. H410 VERY 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. 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/PHYSICIAN. /CONTAINER IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS P302 + P352 IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER P362 TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	NO DATA

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

2.3 OTHER HAZARDS	
ADVERSE PHYSIO-CHEMICAL PROPERTIES	FLAMMABLE LIQUID AND VAPOUR.
ADVERSE EFFECTS ON HUMAN HEALTH	NO ADDITIONAL DATA AVAILABLE.
PBT OR vPvB ACCORDING TO ANNEX XIII	NO ADDITIONAL DATA AVAILABLE.

SECTION 3: COMPOSITION OF INGREDIENTS

3.2 SUBSTANCES	32 - 60% 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
	5 - 22% 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

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with O&3 regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from O&3.



	7 - 18% 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
	6 - 18% DELTA-3-CARENE CAS No: 13466-78-9 EC No: 236-719-3 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, AQUATIC CHRONIC 3 - H412
	1- 6% BETA CARYOPHYLLENE CAS No: 87-44-5, 201-746-1 EC No: 201-746-1 CLASSIFICATION (EC 1272/2008) ASP. TOX. 1; H304, SKIN SENS. 1; 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)	OBSERVE RISK OF ASPIRATION IF VOMITING OCCURS..
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	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 SECTIONS 4, 7, 8 & 13.

SECTION 7: HANDLING & STORAGE

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with O&3 regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from O&3.

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)	SUITABLE FOR COSMETIC, FRAGRANCE AND PROFESSIONAL USE ONLY.

SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 CONTROL PARAMETERS	THERE IS NO OCCUPATIONAL EXPOSURE LIMIT FOR THIS PRODUCT.
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	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.
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.
ENVIRONMENTAL 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 – PALE YELLOW
ODOUR	CHARACTERISTIC.
RELATIVE DENSITY	0,8550 - 0,8750 @ 20°C
FLASH POINT (°C)	37°C
REFRACTIVE INDEX @ 20 °C	1.4650 – 1.4800@ 20°C
SOLUBILITY IN WATER @ 20 °C	INSOLUBLE IN WATER.

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with O&3 regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from O&3.



9.2 OTHER INFORMATION	OPTICAL ROTATION (-) 30.0 - (-) 9.0
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	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 SUGGESTED STORAGE CONDITIONS (<15°C).
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.
10.5 INCOMPATIBLE MATERIALS	OXIDISERS.
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.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 TOXICOLOGICAL EFFECTS	
ACUTE TOXICITY	HARMFUL IF SWALLOWED.
SKIN IRRITATION	CAUSES SKIN IRRITATION.
EYE DAMAGE OR IRRITATION	NOT CLASSIFIED.
RESPIRATORY OR SKIN SENSITIVITY	SKIN – 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	NOT CLASSIFIED.
ASPIRATION HAZARD	MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
11.2 INFORMATION ON OTHER HAZARDS	NO ADDITIONAL DATA AVAILABLE.

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY	THE CLP ADDITIVITY CALCULATION CLASSIFIES PRODUCT AS AQUATIC ACUTE 1; H400 - VERY TOXIC TO AQUATIC LIFE AQUATIC CHRONIC 1; H410 - VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. HOWEVER BASED ON REACH DATA PRODUCT IS CLASSIFIED AS AQUATIC CHRONIC 2; H411 - TOXIC TO AQUATIC
--------------------------------	--



The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with O&3 regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from O&3.



	LIFE WITH LONG LASTING EFFECTS.
12.2 PERSISTENCE & DEGRADABILITY	TO BE CONSIDERED AS READILY BIODEGRADABLE BASED ON ITS READY BIODEGRADABILITY. OIL DOES NOT FULFIL THE CRITERIA FOR PERSISTENCE.
12.3 BIO- ACCUMULATIVE POTENTIAL	NO ADDITIONAL DATA AVAILABLE.
12.4 MOBILITY IN SOIL	NO ADDITIONAL DATA AVAILABLE.
12.5 RESULTS OF PBT & VPVB ASSESSMENT	NO ADDITIONAL DATA AVAILABLE.
12.6 ENDOCRINE DISRUPTING PROPERTIES	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.
12.7 OTHER ADVERSE EFFECTS	NO ADDITIONAL DATA AVAILABLE.
SECTION 13: DISPOSAL INFORMATION	
13.1 WASTE TREATMENT METHODS	DO NOT ALLOW ENTRY INTO DRAINS OR WATERWAYS. 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: 1272 RAIL: 1272 AIR: 1272
14.2 UN SHIPPING NAME	PINE OIL
14.3 TRANSPORT HAZARD CLASS(ES)	<div> <div>ADR/RID/ADN CLASS:</div> <div>3</div> </div> <div> <div>ADR/RID/AND CLASSIFICATION CODE</div> <div>F1</div> </div> <div> <div>IMDG CLASS:</div> <div>3</div> </div> <div> <div>ICAO CLASS/DIVISION:</div> <div>3</div> </div> <div> <div>ADR/RID/ADN</div> <div>EXCEPTED QUANTITIES (EQ) E1</div> <div>LIMITED QUANTITIES (LQ) 5 L</div> <div>TRANSPORT CATEGORY (TC) 3</div> <div>TUNNEL RESTRICTION CODE (TRC) D/E</div> <div>HAZARD IDENTIFICATION No 30</div> <div>EMERGENCY ACTION CODE 3Y</div> </div> <div> <div>IMDG</div> <div>EXCEPTED QUANTITIES (EQ) E1</div> <div>LIMITED QUANTITIES (LQ) 5 L</div> <div>EMS F-E, S-E</div> </div> <div> <div>ICAO – IATA/DGR</div> <div>EXCEPTED QUANTITIES (EQ) E1</div> <div>LIMITED QUANTITIES (LQ) 10 L</div> </div> <div>TRANSPORT LABELS</div>

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with O&3 regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from O&3.

WWW.OAND3.COM

	
14.4 PACKING GROUP	ADR/RID/ADN PACKING GROUP III IMDG PACKING GROUP III ICAO PACKING GROUP III
14.5 ENVIRONMENTAL HAZARDS	ENVIRONMENTALLY HAZARDOUS SUBSTANCE/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.	PACKED AND TRANSFERRED ACCORDING TO TRANSPORT REGULATIONS.

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.
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. H228 FLAMMABLE SOLID. 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. H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.	

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with O&3 regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from O&3.



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	REVIEWED
DECEMBER 2022	EU REGULATION CHNAGED
JANUARY 2023	REVIEW
15/02/2024	REVIEW

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with O&3 regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from O&3.

WWW.OAND3.COM