







## Material Safety Data Sheet

EU Regulation: 2020/878

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

<b>1.1 PRODUCT IDENTIFICATION</b>					
<b>PRODUCT NAME</b>	GRAPEFRUIT (PINK), ESSENTIAL OIL				
<b>BIOLOGICAL DEFINITION</b>	CITRUS GRANDIS PEEL OIL IS THE VOLATILE OIL OBTAINED FROM THE PEEL OF THE GRAPEFRUIT, CITRUS GRANDIS, RUTACEAE.				
<b>INCI NAME</b>	CITRUS GRANDIS PEEL OIL				
<b>SYNONYMS &amp; TRADE NAMES</b>	PINK GRAPEFRUIT OIL				
<b>CAS-No</b>	90045-43-5	<b>EC No.</b>	289-904-6	<b>EINECS No.</b>	289-904-6
<b>1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET</b>					
<b>COMPANY ADDRESS</b>	Ecoflores ul. Waksmundzka 34, 34-400 Nowy Targ, Poland tel. +48-604508229 www.ecoflores.eu				
<b>EMAIL</b>	kontakt@ecoflores.eu				
<b>1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET</b>					
<b>EMERGENCY CONTACTS</b>	112				

<b>SECTION 2: HAZARDS IDENTIFICATION</b>	
<b>2.1</b> <b>CLASSIFICATION OF THE SUBSTANCE OR MIXTURE</b>	THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.
<b>CLASSIFICATION (67/548/EEC)</b>	NO ADDITIONAL DATA AVAILABLE.
<b>CLASSIFICATION (EU1272/2008)</b>	<b>PHYSICAL HAZARDS:</b> FLAM. LIQ. 3 - H226 <b>HEALTH HAZARDS:</b> ASP. TOX. 1- H304, SKIN IRRIT. 2- H315, SKIN SENS. 1- H317 <b>ENVIRONMENTAL HAZARDS:</b> AQUATIC ACUTE 1- H400, AQUATIC CHRONIC 1- H410
<b>2.2</b> <b>LABEL ELEMENTS</b>	LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.
<b>GHS LABEL</b>	    GHS02                      GHS08                      GHS07                      GHS09
<b>SIGNAL WORD</b>	DANGER.
<b>CONTAINS</b>	D-LIMONENE, MYRCENE
<b>HAZARDS STATEMENT</b>	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.
<b>PRECAUTIONARY STATEMENTS</b>	P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking. P233: Keep container tightly closed. P261: Avoid breathing vapours/spray. P264: Wash with soap and water thoroughly after handling. P272: Contaminated work clothing should not be allowed out of the workplace. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P331: Do NOT induce vomiting. P362: Take off contaminated clothing and wash before reuse. P391: Collect spillage. P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P302 + P352: IF ON SKIN: Wash with plenty of soap and water. P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P332 + P313: If skin irritation occurs: Get medical advice/attention. P333 + P313: If skin irritation or rash occurs: Get medical advice/attention. P370 + P378: In case of fire: Use Carbon Dioxide, Dry Chemical, Foam Universal for extinction. P405: Store in a closed container. P403 + P235: Store in a well-ventilated place. Keep cool. P501: Dispose of contents / container to a collection of special or hazardous waste.
<b>SUPPLEMENTARY PRECAUTIONARY STATEMENTS</b>	NONE
SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.	
<b>2.3</b> <b>OTHER HAZARDS</b>	
<b>ADVERSE PHYSIO-CHEMICAL PROPERTIES</b>	NO ADDITIONAL DATA AVAILABLE.
<b>ADVERSE EFFECTS ON HUMAN HEALTH</b>	NO ADDITIONAL DATA AVAILABLE.
<b>PBT OR VPVB ACCORDING TO ANNEX XIII</b>	NO ADDITIONAL DATA AVAILABLE.

### SECTION 3: COMPOSITION OF INGREDIENTS


<b>3.2 SUBSTANCES</b>	<p>≤ <b>95.0% d-Limonene</b> CAS-No: 5989-27-5; EC No.: 227-813-5</p> <p>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</p>
	<p>≤ <b>2.0% Myrcene</b> CAS No: 123-35-3 ; EC No: 204-622-5</p> <p>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 1- H410</p>
	<p>≤ <b>0.15% Citral</b> CAS No: 5392-40-5 ; EC No: 226-394-6</p> <p>Classification (EC 1272/2008) Skin Irrit. 2 - H315, Skin Sens. 1 - H317</p>
	<p>≤ <b>0.1% Linalool</b> CAS No: 78-70-6; EC No: 201-134-4</p> <p>Classification (EC 1272/2008) Skin Irrit. 2 - H315, Skin Sens. 1B - H317, Eye Irrit. 2 - H319</p>

### SECTION 4: FIRST AID MEASURES

<b>4.1</b> <b>DESCRIPTION OF FIRST AID MEASURES</b>																			
<b>GENERAL INFORMATION</b>	ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.																		
<b>INHALATION</b>	EVACUATE PERSON TO UNCONTAMINATED AREA. BREATHE FRESH AIR. IF BREATHING DIFFICULTIES PERSIST, CONSULT A DOCTOR. IF UNCONSCIOUS, PLACE THE PERSON IN RECOVERY POSITION AND CALL A DOCTOR.																		
<b>INGESTION</b>	RINSE MOUTH THOROUGHLY WITH WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING. CONSULT A DOCTOR. IF VOMITING OCCURS, KEEP HEAD DOWN TO PREVENT THE PASSAGE OF VOMIT INTO THE LUNGS. IN CASE OF PERSISTENT OR WORSENING SYMPTOMS CONSULT A DOCTOR. IF UNCONSCIOUS, PLACE THE PERSON IN RECOVERY POSITION (SLP) AND CALL A DOCTOR.																		
<b>SKIN CONTACT</b>	WASH THE CONTAMINATED SKIN WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES. WASH THOROUGHLY WITH WATER. BEFORE REMOVING CONTAMINATED CLOTHING WEAR GLOVES.																		
<b>EYE CONTACT</b>	RINSE IMMEDIATELY WITH CLEAN WATER OR ANY SOLUTION PROVIDED FOR THIS PURPOSE FOR 15 MINUTES HOLDING THE EYE OPEN. CHECK IF THE VICTIM IS WEARING CONTACT LENSES AND REMOVE IF POSSIBLE. CONSULT OPHTHALMOLOGIST IMMEDIATELY.																		
<b>4.2</b> MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED)	<p><u>Potential acute health</u></p> <table border="0"> <tr> <td>In case of eye contact:</td> <td>No significant effects or critical hazards.</td> </tr> <tr> <td>In case of contact with skin:</td> <td>May cause skin irritation.</td> </tr> <tr> <td>In case of contact with skin:</td> <td>May cause an allergic skin reaction.</td> </tr> <tr> <td>If swallowed:</td> <td>May be fatal if swallowed and enters airways.</td> </tr> <tr> <td>If inhaled:</td> <td>No significant effects or critical hazards.</td> </tr> </table> <p><u>Signs / symptoms of overexposure</u></p> <table border="0"> <tr> <td>In case of eye contact:</td> <td>No specific data.</td> </tr> <tr> <td>In case of contact with skin:</td> <td>Signs / symptoms may include Irritation, redness.</td> </tr> <tr> <td>If swallowed:</td> <td>No specific data.</td> </tr> <tr> <td>If inhaled:</td> <td>No specific data.</td> </tr> </table>	In case of eye contact:	No significant effects or critical hazards.	In case of contact with skin:	May cause skin irritation.	In case of contact with skin:	May cause an allergic skin reaction.	If swallowed:	May be fatal if swallowed and enters airways.	If inhaled:	No significant effects or critical hazards.	In case of eye contact:	No specific data.	In case of contact with skin:	Signs / symptoms may include Irritation, redness.	If swallowed:	No specific data.	If inhaled:	No specific data.
In case of eye contact:	No significant effects or critical hazards.																		
In case of contact with skin:	May cause skin irritation.																		
In case of contact with skin:	May cause an allergic skin reaction.																		
If swallowed:	May be fatal if swallowed and enters airways.																		
If inhaled:	No significant effects or critical hazards.																		
In case of eye contact:	No specific data.																		
In case of contact with skin:	Signs / symptoms may include Irritation, redness.																		
If swallowed:	No specific data.																		
If inhaled:	No specific data.																		
<b>4.3</b> <b>INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED</b>	NONE EXPECTED, SEE SECTION 4.1 FOR FURTHER INFORMATION.																		



<b>SECTION 5: FIRE FIGHTING MEASURES</b>	
<b>5.1 EXTINGUISHING MATERIAL</b>	FOAM, CO <sub>2</sub> , DRY CHEMICAL POWDER.
<b>5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE</b>	THE PRESSURE IN CLOSED CONTAINERS MAY INCREASE AT HIGH TEMPERATURE. COOL IF POSSIBLE CONTAINERS WITH WATER SPRAY. POTENTIAL HAZARD IS EVOLUTION OF FUMES / FOG. DECOMPOSITION PRODUCTS CAN EVENTUALLY LEAVE THE FOLLOWING SUBSTANCES: CARBON DIOXIDE, CARBON MONOXIDE.
<b>5.3 ADVICE FOR FIRE-FIGHTERS</b>	<b>SPECIAL PRECAUTION FOR FIREFIGHTERS</b> IN THE PRESENCE OF FIRE, QUICKLY IDENTIFY THE SITE BY REMOVING ALL PERSONS LOCATED NEAR THE SCENE OF THE ACCIDENT. NO ACTION SHALL BE TAKEN INVOLVING ANY PERSONAL RISK OR THE ABSENCE OF PROPER TRAINING. <b>SPECIAL PROTECTIVE EQUIPMENT</b> WEAR BREATHING APPARATUS AND PROTECTIVE SUIT: AGAINST CHEMICAL AGENTS. <b>PROTECTIVE MEASURES</b> IN CASE OF FIRE KEEP CONTAINERS COOL BY SPRAYING WITH WATER. <b>OTHER INFORMATION</b> COLLECT CONTAMINATED EXTINGUISHING WATER SEPARATELY. DO NOT ALLOW TO ENTER DRAINS AND SEWERS. DISPOSE OF FIRE DEBRIS AND CONTAMINATED WATER IN ACCORDANCE WITH LOCAL REGULATIONS
<b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b>	
<b>6.1 PERSONAL PRECAUTIONS</b>	CONSULT THE SAFETY MEASURES LISTED UNDER HEADINGS 7 AND 8. <b>FOR NON EMERGENCY PERSONNEL</b> NO ACTION SHALL BE TAKEN IN THE ABSENCE OF PROPER TRAINING OR IF IT INVOLVES PERSONAL RISK. PREVENT ACCESS TO PERSONS NOT REQUIRED AND NOT WEARING PROTECTIVE CLOTHING. DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. AVOID BREATHING VAPOUR OR MIST. ENSURE ADEQUATE VENTILATION. IF THE VENTILATION IS INADEQUATE, WEAR APPROPRIATE RESPIRATORY PROTECTION. WEAR PROTECTIVE EQUIPMENT. <b>FOR EMERGENCY RESPONDER</b> IF SPECIALIZED CLOTHING IS NEEDED TO ADDRESS THE SPILL, SEE SECTION 8 FOR APPROPRIATE AND INAPPROPRIATE MATERIALS. SEE ALSO THE INFORMATION IN "FOR NON-EMERGENCY PERSONNEL".
<b>6.2 ENVIRONMENTAL PRECAUTIONS</b>	DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.
<b>6.3 METHODS &amp; MATERIAL FOR CONTAINMENT AND CLEANING UP</b>	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.
<b>6.4 REFERENCES TO OTHER SECTIONS</b>	REFER & CONSIDER SECTIONS 1, 8 & 13.
<b>SECTION 7: HANDLING &amp; STORAGE</b>	
<b>7.1 PRECAUTIONS FOR SAFE-HANDLING</b>	<b>PROTECTIVE MEASURES</b> WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (SEE SECTION 8). PEOPLE WITH A HISTORY OF SKIN SENSITIZATION SHOULD NOT INTERVENE IN THE PROCESSES USING THIS PRODUCT. DO NOT ALLOW CONTACT WITH EYES, SKIN OR CLOTHING. DO NOT INGEST. AVOID BREATHING VAPOUR OR MIST. AVOID RELEASE TO THE ENVIRONMENT. KEEP IN ORIGINAL CONTAINER OR IN A CONTAINER APPROVED ALTERNATIVE MADE FROM A COMPATIBLE MATERIAL, KEPT TIGHTLY CLOSED WHEN NOT IN USE. EMPTY CONTAINERS RETAINING PRODUCT RESIDUE CAN BE DANGEROUS. DO NOT REUSE THIS CONTAINER. <b>GENERAL ADVICE ON OCCUPATIONAL HEALTH</b> DO NOT EAT, DRINK OR SMOKE IN AREAS WHERE THIS MATERIAL IS HANDLED, STORED OR USED. IT IS RECOMMENDED THAT STAFF WASH THEIR HANDS AND FACE BEFORE EATING, DRINKING OR SMOKING. REMOVE CONTAMINATED CLOTHING AND PROTECTIVE EQUIPMENT BEFORE ENTERING A FOOD COURT. SEE ALSO SECTION 8 FOR MORE INFORMATION ON HYGIENE MEASURES.
<b>7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES</b>	STORE IN ACCORDANCE WITH LOCAL REGULATIONS. STORE IN ORIGINAL CONTAINER PROTECTED FROM DIRECT SUNLIGHT IN A DRY, COOL AND WELL VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS (SEE SECTION 10). KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. CONTAINERS THAT HAVE BEEN OPENED MUST BE CAREFULLY RESEALED AND KEPT UPRIGHT TO PREVENT LEAKAGE. DO NOT STORE IN UNLABELLED CONTAINERS. USE APPROPRIATE CONTAINER TO AVOID ENVIRONMENTAL CONTAMINATION.
<b>7.3 SPECIFIC END USE(S)</b>	NO DATA.
<b>SECTION 8: EXPOSURE CONTROLS &amp; PERSONAL PROTECTION</b>	

<b>8.1</b> <b>CONTROL PARAMETERS</b>	<b>RECOMMENDED MONITORING PROCEDURES FOR OCCUPATIONAL EXPOSURE LIMIT VALUES</b> IF THE PRODUCT CONTAINS INGREDIENTS WITH OCCUPATIONAL EXPOSURE LIMITS, IT MAY BE NECESSARY TO TRACK PEOPLE, THE ATMOSPHERE IN THE WORKPLACE TO DETERMINE THE EFFECTIVENESS OF THE VENTILATION OR OTHER MEASURES CONTROL OR THE NECESSITY TO USE PROTECTIVE EQUIPMENT IN THE AIRWAYS. IT IS IMPORTANT TO REFER TO EUROPEAN STANDARD EN 689 FOR METHODS FOR ASSESSING EXPOSURE BY INHALATION TO CHEMICAL AGENTS AND NATIONAL LEGISLATIVE DOCUMENTS RELATING TO METHODS FOR DETERMINING HAZARDOUS SUBSTANCES.	
<b>8.2</b> <b>EXPOSURE CONTROLS</b> 		
<b>EYE PROTECTION</b>	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.	
<b>HAND PROTECTION</b>	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.	
<b>RESPIRATORY EQUIPMENT</b>	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.	
<b>HYGIENE MEASURES</b>	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.	
<b>ENGINEERING MEASURES</b>	NO SPECIAL VENTILATION REQUIREMENTS. GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL EXPOSURE TO AIRBORNE CONTAMINANTS IN THE AIR. IF THIS PRODUCT CONTAINS INGREDIENTS WHICH CONSTRAIN EXPOSURE LIMITS, USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION OR OTHER CONTROLS TO KEEP WORKER EXPOSURE BELOW THE LIMITS OF STAKEHOLDERS RECOMMENDED OR LEGAL.	
<b>SKIN PROTECTION</b>	THE PERSONAL PROTECTIVE EQUIPMENT FOR THE BODY SHOULD BE SELECTED ACCORDING TO THE TASK PERFORMED AND THE RISKS INVOLVED. IT IS RECOMMENDED TO VALIDATE THE EQUIPMENT BY A SPECIALIST BEFORE HANDLING THIS PRODUCT.	
<b>PERSONAL PROTECTION</b>	AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES.	
<b>OTHER PROTECTION</b>	WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS.	
<b>PROCESS CONDITIONS</b>	ENSURE AREA IS WELL VENTILATED. AVOID VAPOUR INHALATION. SAFETY SHOWER & EYE BATH.	
<b>ENVIROMENTAL EXPOSURE CONTROLS</b>	IT IS IMPORTANT TO TEST EMISSIONS FROM VENTILATION SYSTEMS OR MANUFACTURING EQUIPMENT TO ENSURE THEY COMPLY WITH LEGISLATIVE REQUIREMENTS ON ENVIRONMENTAL PROTECTION.	
<b>SECTION 9: PHYSICAL &amp; CHEMICAL PROPERTIES</b>		
<b>9.1</b> <b>PHYSICAL &amp; CHEMICAL PROPERTIES</b>		
<b>APPEARANCE</b>	LIQUID, RED – ORANGE.	
<b>ODOUR</b>	CHARACTERISTIC.	
<b>RELATIVE DENSITY</b>	0.855 @ 20°C	
<b>FLASH POINT (°C)</b>	>44°C.	
<b>REFRACTIVE INDEX @ 20 °C</b>	APPROX. 1.477 @ 20°C	
<b>SOLUBILITY IN WATER @ 20 °C</b>	INSOLUBLE IN WATER	
<b>9.2</b> <b>OTHER INFORMATION</b>	BOILING POINT (°C): >35.0	
<b>SECTION 10: STABILITY &amp; REACTIVITY</b>		
<b>10.1</b> <b>REACTIVITY</b>	CORROSION OF METALS: FORMATION OF FLAMMABLE GAS :	NO CORROSIVE EFFECT ON METALS EXPECTED. WITH WATER, NO FORMATION OF FLAMMABLE GASES.



<b>10.2</b> <b>CHEMICAL STABILITY</b>	STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).
<b>10.3</b> <b>POSSIBILITY OF HAZARDOUS REACTIONS</b>	NOT UNDER NORMAL CONDITIONS OF USE.
<b>10.4</b> <b>CONDITIONS TO AVOID</b>	STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C. AVOID ANY SOURCE OF IGNITION, HEAT, SPARKS OR FLAMES.
<b>10.5</b> <b>INCOMPATIBLE MATERIALS</b>	NO ADDITIONAL DATA AVAILABLE.
<b>10.6</b> <b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	UNDER NORMAL CONDITIONS OF STORAGE AND USE, HAZARDOUS DECOMPOSITION PRODUCTS SHOULD NOT BE FORMED.

## SECTION 11: TOXICOLOGICAL INFORMATION

<b>11.1</b> <b>TOXICOLOGICAL EFFECTS</b>	
<b>ACUTE TOXICITY</b>	NOT CLASSIFIED. (BY CALCULATION.)
<b>SKIN IRRITATION</b>	CAUSES SKIN IRRITATION
<b>EYE DAMAGE OR IRRITATION</b>	NOT APPLICABLE.
<b>RESPIRATORY OR SKIN SENSITIVITY</b>	MAY CAUSE AN ALLERGIC SKIN REACTION.
<b>GERM CELL MUTAGENICITY</b>	NOT APPLICABLE.
<b>CARCINOGENICITY</b>	NOT APPLICABLE.
<b>REPRODUCTIVE TOXICITY</b>	NOT APPLICABLE.
<b>STOT – SINGLE EXPOSURE</b>	NOT APPLICABLE.
<b>STOT – REPEATED EXPOSURE</b>	NOT APPLICABLE.
<b>ASPIRATION HAZARD</b>	MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
<b>OTHER INFORMATION</b>	NOT APPLICABLE.

## SECTION 12: ECOLOGICAL INFORMATION



<b>12.1</b> <b>TOXICITY</b>	AQUATIC LIFE: VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. THE PRODUCT MUST NOT BE ALLOWED TO RUN INTO DRAINS OR WATERWAYS.
<b>12.2</b> <b>PERSISTENCE &amp; DEGRADABILITY</b>	NO ADDITIONAL DATA AVAILABLE.
<b>12.3</b> <b>BIO- ACCUMULATIVE POTENTIAL</b>	NO ADDITIONAL DATA AVAILABLE.
<b>12.4</b> <b>MOBILITY IN SOIL</b>	NO ADDITIONAL DATA AVAILABLE.
<b>12.5</b> <b>RESULTS OF PBT &amp; VPVB ASSESSMENT</b>	NO ADDITIONAL DATA AVAILABLE.
<b>12.6</b> <b>OTHER ADVERSE EFFECTS</b>	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.

## SECTION 13: DISPOSAL INFORMATION

<b>13.1</b> <b>WASTE TREATMENT METHODS</b>	<b>PRODUCT METHODS OF WASTE DISPOSAL</b> IT IS RECOMMENDED TO AVOID OR MINIMIZE WASTE GENERATION. DO NOT DISPOSE OF SIGNIFICANT QUANTITIES OF WASTE PRODUCED VIA THE SEWERS. TREAT THEM IN A WASTEWATER PROCESSING PLANT PROPERLY. REMOVE ALL NON-RECYCLABLE PRODUCTS VIA A LICENSED WASTE COLLECTION. DISPOSING OF THIS PRODUCT, SOLUTIONS AND SUB-PRODUCTS SHOULD, AT ALL TIMES, COMPLY WITH THE LEGAL
-----------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



	<p>REQUIREMENTS OF ENVIRONMENTAL PROTECTION AND DISPOSAL OF WASTES AND THE REQUIREMENTS OF ALL LOCAL AUTHORITIES.</p> <p><b>HAZARDOUS WASTE</b> IT MAY BE THAT THE CLASSIFICATION OF THE PRODUCT MEETS THE CRITERIA OF HAZARDOUS WASTE</p> <p><b>PACKAGING</b> <b>METHODS OF WASTE DISPOSAL</b> IT IS RECOMMENDED TO AVOID OR MINIMIZE WASTE GENERATION. RECYCLE PACKAGING WASTE. CONSIDER INCINERATION OR LANDFILLING ONLY IF RECYCLING IS IMPOSSIBLE.</p> <p><b>SPECIAL PRECAUTIONS</b> DISPOSE OF THIS MATERIAL AND ITS CONTAINER IN A SAFE WAY. HANDLE UN-CLEANED EMPTY OR RINSED CONTAINERS WITH CARE. EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUES. AVOID DISPERSAL OF SPILLED MATERIAL AND RUNOFF. AVOID CONTACT WITH SOIL, WATERWAYS, SEWERS AND DRAINAGE PIPES.</p>
--	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<b>SECTION 14: TRANSPORT INFORMATION</b>	
<b>14.1</b> TRANSPORT INFORMATION	
	<p><b>UN NUMBER</b></p> <p><b>ROAD: 1197</b> <b>SEA: 1197</b> <b>AIR: 1197</b></p>
<b>14.2</b> UN SHIPPING NAME	EXTRACTS, AROMATIC, LIQUID.
<b>14.3</b> TRANSPORT HAZARD CLASS(ES)	<p>ADR/RID/ADN CLASS: 3 FLAMMABLE LIQUID. IMDG CLASS: 3 FLAMMABLE LIQUID. ICAO CLASS/DIVISION: 3 FLAMMABLE LIQUID.</p> <p>TRANSPORT LABELS</p> 
<b>14.4</b> PACKING GROUP	<p>ADR/RID/ADN PACKING GROUP III IMDG PACKING GROUP III ICAO PACKING GROUP III</p>
<b>14.5</b> ENVIROMENTAL HAZARDS	<p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT.</p> 
<b>14.6</b> SPECIAL PRECAUTIONS FOR USER	<p>SEE SECTIONS 6-8. TUNNEL RESTRICTION CODE D/E</p>
<b>14.7</b> TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.	NOT APPLICABLE.
<b>SECTION 15: REGULATORY INFORMATION</b>	
<b>15.1</b> PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION	



<b>EU DIRECTIVES</b>	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 <sup>TH</sup> 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).
<b>STATUTORY INSTRUMENTS</b>	THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 No 716).
<b>APPROVED CODE OF PRACTICE</b>	CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.
<b>GUIDANCE NOTES</b>	WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.
<b>15.2 CHEMICAL SAFETY ASSESSMENT</b>	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. 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.
<b>TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.</b>	
<b>ABBREVIATIONS &amp; ACRONYMS:</b>	
<b>MSDS</b>	MATERIAL SAFETY DATA SHEET.
<b>INCI</b>	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS.
<b>CAS</b>	CHEMICAL ABSTRACT SERVICE.
<b>IMDG</b>	INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS.
<b>ADR</b>	ACCORD EUROPEAN SUR LE TRANSPORT DES MARCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD).
<b>RID</b>	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL.
<b>ICAO</b>	INTERNATIONAL CIVIL AVIATION ORGANIZATION.
<b>ADN</b>	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS.
<b>GHS</b>	GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS.
<b>TREM CARD</b>	TRANSPORT EMERGENCY CARD.
<b>STOT</b>	SPECIFIC TARGET ORGAN TOXICITY.

## DOCUMENTATION REVISION

DATE	CHANGE DESCRIPTION
10 <sup>TH</sup> APRIL 2018	DATA LAUNCH
NOVEMBER 2020	REVIEW
2021	REVIEW
JANUARY 2023	REVIEW
29/03/2023	CHANGED UN NUMBER