





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	MANDARIN (GREEN), ESSENTIAL OIL				
BIOLOGICAL DEFINITION	CITRUS NOBILIS PEEL OIL EXPRESSED IS AN ESSENTIAL OIL EXPRESSED FROM THE EPICARPS OF THE MANDARIN, CITRUS NOBILIS, RUTACEAE.				
INCI NAME	CITRUS NOBILIS PEEL OIL EXPRESSED				
SYNONYMS & TRADE NAMES	-				
INTERNAL PRODUCT CODE	K0276				
CAS-No	84929-38-4	EC No.	284-521-0	EINECS No.	284-521-0
1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET					
COMPANY ADDRESS	YouWish Venserweg 21M, 1112 AR Diemen, The Netherlands.				
EMAIL	contact@youwish.nl				
1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET					
EMERGENCY CONTACTS	+31 6 83295085				

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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)	PHYSICAL HAZARDS: FLAM. LIQ. 3 – H226 HEALTH HAZARDS: ASP TOX. 1 – H304, SKIN IRRIT. 2 – H315, SKIN SENS. 1B – H317 ENVIRONMENTAL HAZARDS: AQUATIC CHRONIC 2 – H411 *SEE SECTION 16 FOR OTHER INFORMATION ON PRODUCT CLASSIFICATION.
2.2	
LABEL ELEMENTS	LABEL IN ACCORDANCE WITH REGULATION (EC) No 1272/2008.
GHS LABEL	<div>     </div> <div> GHS07 GHS08 GHS09 GHS02 </div>
SIGNAL WORD	DANGER.
CONTAINS	D-LIMONENE, P-MENTHA-1,4-DIENE, ALPHA-PINENE.
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. H411 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. P241 USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING/EQUIPMENT. P242 USE NON-SPARKING TOOLS. P243 TAKE ACTION TO PREVENT STATIC DISCHARGES. P261 AVOID BREATHING VAPOURS/SPRAY. 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. P303+P361+P353 IF ON SKIN (OR HAIR): TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER. P308+P313 IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P331 DO NOT INDUCE VOMITING. P501 DISPOSE OF CONTENTS IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION.
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	P264 WASH HANDS AND EXPOSED SKIN THOROUGHLY AFTER HANDLING.
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	THIS PRODUCT IS NOT PBT / vPvB.
SECTION 3: COMPOSITION OF INGREDIENTS	
3.2 MIXTURES	<p> ≤ 74% 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 </p> <p> 10 - 25% P-MENTHA-1,4-DIENE (GAMMA-TERPINENE) CAS No: 99-85-4 EC No: 202-794-6 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 – H226, REPR. 2 - H361, AQUATIC CHRONIC 2 - H411 </p>

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	<p>≤ 2.5% 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</p> <p>≤ 2.5% MYRCENE CAS No: 123-35-3 EC No: 204-622-5 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 2 - H411</p> <p>≤ 2.5% 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</p>
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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)	NO ADDITIONAL DATA AVAILABLE.
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	A FIRE WILL OFTEN PRODUCE A THICK BLACK SMOKE. EXPOSURE TO DECOMPOSITION PRODUCTS MAY BE HAZARDOUS TO HEALTH. DO NOT BREATHE IN SMOKE. THERMAL DECOMPOSITION OR COMBUSTION PRODUCTS MAY INCLUDE THE FOLLOWING SUBSTANCES: CARBON DIOXIDE (CO2), CARBON MONOXIDE (CO), OTHER TOXIC GASES. CONTAINERS CLOSE TO FIRE SHOULD BE REMOVED OR COOLED WITH WATER.
5.3 ADVICE FOR FIRE-FIGHTERS	AVOID INHALATION OF GENERATED FUMES OR VAPOURS. COOL UNOPENED CONTAINERS WITH WATER SPRAY. WEAR SELF-CONTAINED BREATHING APPARATUS AND APPROPRIATE PROTECTIVE CLOTHING.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS	WEAR PROTECTIVE CLOTHING AS DESCRIBED IN SECTION 8 OF THIS SAFETY DATA SHEET. HANDLE THE PRODUCT USING PROTECTIVE GLOVES RESISTANT TO THE CHEMICALS EXPOSED. AVOID CONTACT WITH SKIN AND INHALATION OF ITS VAPOURS. MAINTAIN ADEQUATE VENTILATION IN THE WORKING AREA AFTER SPILLING.
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	ABSORB WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH OR VERMICULITE. COLLECT IN CLOSED AND SUITABLE CONTAINERS FOR DISPOSAL IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION. PREVENT ANY MATERIAL FROM ENTERING DRAINS OR WATERWAYS. WASH SPILL SITE AFTER REMOVAL WITH A DETERGENT.
6.4 REFERENCES TO OTHER SECTIONS	REFER & CONSIDER SECTION 4, 7, 8 & 13.

SECTION 7: HANDLING & STORAGE

7.1 PRECAUTIONS FOR SAFE-HANDLING

AVOID CONTACT WITH SKIN, EYES AND CLOTHING. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE RE-USE. DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. WEAR PERSONAL PROTECTIVE EQUIPMENT. DO NOT BREATHE VAPOURS OR SPRAY MIST. USE ONLY IN AREA PROVIDED WITH ADEQUATE VENTILATION. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING EQUIPMENT. USE ONLY NON-SPARKING TOOLS. TAKE NECESSARY ACTION TO AVOID STATIC DISCHARGE AS THIS MIGHT CAUSE IGNITION OF VAPOURS.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

STORE IN TIGHTLY-CLOSED, ORIGINAL CONTAINER. STORE IN A DRY, COOL AND WELL-VENTILATED AREA, AWAY FROM POTENTIAL SOURCES OF IGNITION AND PROTECTED FROM LIGHT. STORAGE CLASS 3.

7.3 SPECIFIC END USE(S)

NO ADDITIONAL DATA AVAILABLE.

SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

CAS NO: 5989-27-5 (R)-P-MENTHA-1,8-DIENE (D-LIMONENE)
AGW (GERMANY) LONG-TERM VALUE: 28 MG/M³, 5 PPM 4(II);DFG, H, SH, Y

DNEL
CAS NO: 84929-38-4 MANDARIN ORANGE, EXT.

ORAL	ACUTE / SHORT TERM EXP. SYSTEMIC EFFECTS	NO HAZARD IDENTIFIED (GENERAL POPULATION)
	LONG TERM EXP., SYSTEMIC EFFECTS	3.33 MG/KG BW D (HUMAN, GENERAL POPULATION)

DERMAL ACUTE / SHORT TERM EXP., LOCAL EFFECTS 92.9 MG/CM² (HUMAN, GENERAL POPULATION)
185.8 MG/CM² (HUMAN, WORKER)

	ACUTE / SHORT TERM EXP. SYSTEMIC EFFECTS	NO HAZARD IDENTIFIED (WORKER AND GENERAL POPULATION)
	LONG TERM EXP., LOCAL EFFECTS MG/CM ²	NO HAZARD IDENTIFIED (WORKER AND GENERAL POPULATION)
	LONG TERM EXP., SYSTEMIC EFFECTS	3.33 MG/KG BW D (HUMAN, GENERAL POPULATION) 6.67 MG/KG BW D (HUMAN, WORKER)

INHALATIVE ACUTE / SHORT TERM EXP., LOCAL EFFECTS NO HAZARD IDENTIFIED (WORKER AND GENERAL POPULATION)

	ACUTE / SHORT TERM EXP. SYSTEMIC EFFECTS	NO HAZARD IDENTIFIED (WORKER AND GENERAL POPULATION)
	LONG TERM EXP., LOCAL EFFECTS MG/M ³	NO HAZARD IDENTIFIED (WORKER AND GENERAL POPULATION)
	LONG TERM EXP., SYSTEMIC EFFECTS	5.8 MG/M ³ (HUMAN, GENERAL POPULATION) 23.3 MG/M ³ (HUMAN, WORKER)

IRRITATION OF EYES
EYE EXPOSURE NO HAZARD IDENTIFIED (WORKER AND GENERAL POPULATION)

PNEC

AQUA (FRESHWATER)	5.4 MG/L (AQUA (FRESHWATER))
AQUA (MARINE WATER)	0.54 MG/L (AQUA (MARINE WATER))
AQUA (INTERMITTENT RELEASES FRESHWATER)	5.77 MG/L (AQUA (FRESHWATER))
SEDIMENT (FRESHWATER)	1.3 MG/KG SEDIM. DW (SEDIMENT (FRESHWATER))
SEDIMENT (MARINE WATER)	0.13 MG/KG SEDIM. DW (SEDIMENT (MARINE WATER))
SOIL	0.29 MG/KG SOIL DW (SOIL)
SECONDARY POISONING EFFECTS IF FOOD CHAIN STP	MG/KG FOOD (PREDATOR) NO POTENTIAL TO CAUSE TOXIC ACCUMULATED (IN HIGHER ORGANISMS) VIA THE
AIR	2.1 MG/L (SEWAGE TREATMENT PLANT) (AIR) NO HAZARD IDENTIFIED

8.2 EXPOSURE CONTROLS



Eye Protection

WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.

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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 OR RESPIRATORY PROTECTION.
SKIN PROTECTION	WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT. WORK CLOTHING WORN BY PERSONNEL SHOULD BE LAUNDERED REGULARLY. AFTER CONTACT WITH THE PRODUCT, ALL PARTS OF THE BODY THAT HAVE BEEN EXPOSED MUST BE WASHED THOROUGHLY. .
PERSONAL PROTECTION	USE OF CHEMICAL RESISTANT CLOTHING IS RECOMMENDED WHEN HANDLING.
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	GREEN
ODOUR	CHARACTERISTI
RELATIVE DENSITY	APPROX. 0.844 @ 20°C
FLASH POINT (°C)	53°C
REFRACTIVE INDEX @ 20 °C	APPROX. 1.475 @ 20°C
SOLUBILITY IN WATER @ 20 °C	INSOLUBLE IN WATER

9.2 OTHER INFORMATION

BOILING POINT (°C): 170 +/- 10 @ 1026 hPa.

VAPOUR PRESSURE: 2.3 hPa @ 20°C.

AUTO-IGNITION TEMPERATURE (°C): PRODUCT IS NOT SELF IGNITING; BUT IN CASE OF UNPROFITIOUS STORING CONDITIONS (AIR ADMISSION, HEAT ACCUMULATION) SELF IGNITION IS POSSIBLE FOR MOISTENED SOLIDS (E.G. CLOTH, PULP, FILTER PANELS, BINDER).

SECTION 10: STABILITY & REACTIVITY

10.1 REACTIVITY

NO HAZARDOUS REACTIONS IF STORED AND HANDLED AS PRESCRIBED / INDICATED.

10.2 CHEMICAL STABILITY

STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

NOT EXPECTED UNDER NORMAL CONDITIONS OF USE.

FORMATION OF EXPLOSIVE GAS MIXTURE WITH AIR POSSIBLE.

PRODUCT IS NOT SELF IGNITING; BUT IN CASE OF UNPROFITIOUS STORING CONDITIONS (AIR ADMISSION, HEAT ACCUMULATION) SELF IGNITION IS POSSIBLE FOR MOISTENED SOLIDS (E.G. CLOTH, PULP, FILTER PANELS, BINDER).

REACTS VIOLENTLY WITH OXIDISING AGENTS.

10.4 CONDITIONS TO AVOID

KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. PREVENT STORING THE

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	PRODUCT IN OPEN CONTAINERS FOR LONG PERIODS TO PREVENT PRODUCT DETERIORATION.
10.5 INCOMPATIBLE MATERIALS	AVOID CONTACT WITH STRONG ACIDS, ALKALIS OR OXIDISING AGENTS.
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	NOT CLASSIFIED MANDARIN OIL - ORAL LD50 > 5000 MG/KG (RAT) D-LIMONENE - ORAL LD50 4400 MG/KG (RAT)
SKIN IRRITATION	CAUSES SKIN IRRITATION.
EYE DAMAGE OR IRRITATION	NOT CLASSIFIED AS IRRITATING TO THE EYE [SOURCE RIFM].
RESPIRATORY OR SKIN SENSITIVITY	MAY CAUSE AN ALLERGIC SKIN REACTION.
GERM CELL MUTAGENICITY	NOT CLASSIFIED.
CARCINOGENICITY	NOT CLASSIFIED.
REPRODUCTIVE TOXICITY	THE CLP ADDITIVITY CALCULATION CLASSIFIES THE PRODUCT AS REPR. 2, H361 - SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. ALTHOUGH PRODUCT CONTAINS GAMMA-TERPINENE CLASSIFIED AS H361, THE REACH REGISTRATION DATA DOES NOT CLASSIFY THE PRODUCT AS TOXIC FOR REPRODUCTION.
STOT – SINGLE EXPOSURE	NOT CLASSIFIED.
STOT – REPEATED EXPOSURE	NOT CLASSIFIED.
ASPIRATION HAZARD	MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS (H304).
OTHER INFORMATION	NO DATA.
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 LIFE WITH LONG LASTING EFFECTS
12.2 PERSISTENCE & DEGRADABILITY	EXPECTED TO BE READILY BIODEGRADABLE.
12.3 BIO- ACCUMULATIVE POTENTIAL	NO ADDITIONAL DATA AVAILABLE.
12.4 MOBILITY IN SOIL	PREVENT CONTAMINATION OF SOIL, GROUND AND SURFACE WATER.
12.5 RESULTS OF PBT & VPVB ASSESSMENT	THIS SUBSTANCE IS NOT CLASSIFIED AS: PBT OR VPVB / CMR.
12.6 OTHER ADVERSE EFFECTS	WATER HAZARD CLASS3 (GERMANY) DO NOT ALLOW PRODUCT TO REACH GROUND WATER, WATER COURSE OR SEWAGE SYSTEM. DANGER TO DRINKING WATER IF EVEN SMALL QUANTITIES LEAK INTO THE GROUND. ALSO POISONOUS FOR FISH AND PLANKTON IN WATER BODIES. TOXIC FOR AQUATIC ORGANISMS

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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: 1169

RAIL: 1169

AIR: 1169

14.2 UN SHIPPING NAME

EXTRACTS, AROMATIC, LIQUID

14.3 TRANSPORT HAZARD CLASS(ES)

ADR/RID

ADR/RID— CLASS 3

ADR CLASSIFICATION CODE — F1

SPECIAL PROVISIONS — 601

LIMITED QUANTITIES — 5L

EXPECTED QUANTITIES — E1

EMERGENCY ACTION CODE — 3Y

TUNNEL RESTRICTION CODE — D/E

IMDG

IMDG — CLASS 3

SPECIAL PROVISIONS — 601

LIMITED QUANTITIES — 5L

EXPECTED QUANTITIES — E1

IMDG EMS — F-E, S-D

STOWAGE AND HANDLING — CATEGORY A

ICAO/IATA

ICAO/IATA— CLASS 3


IATA PROPER SHIPPING NAME - EXTRACTS, AROMATIC, LIQUID

EXPECTED QUANTITIES — E1

TRANSPORT LABELS



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14.4 PACKING GROUP	ADR/RID/ADN PACKING GROUP III IMDG PACKING GROUP III ICAO PACKING GROUP III
14.5 ENVIROMENTAL 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.	NOT APPLICABLE.
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	-

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. H361 SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. 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.
OTHER INFORMATION:	*THE CLP ADDITIVITY CALCULATION INCLUDES: H361 - REPR. 2 H400 - AQUATIC ACUTE 1 H410 - AQUATIC CHRONIC 1 HOWEVER, PRODUCT HAS BEEN CLASSIFIED ACCORDING TO REACH DATA: NOT CLASSIFIED AS TOXIC FOR REPRODUCTION REPR. 2 CLASSIFIED AQUATIC CHRONIC 2 AND NOT AQUATIC ACUTE 1 OR AQUATIC CHRONIC 1
TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.	

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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