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	JUNIPERBERRY, ESSENTIAL OIL				
BIOLOGICAL DEFINITION	JUNIPERUS COMMUNIS FRUIT OIL IS THE VOLATILE OIL OBTAINED FROM THE BERRIES OF THE JUNIPER, JUNIPERUS COMMUNIS L., CUPRESSACEAE.				
INCI NAME	JUNIPERUS COMMUNIS FRUIT OIL				
SYNONYMS & TRADE NAMES	-				
INTERNAL PRODUCT CODE	ко238				
CAS-No	8002-68-4 / 73049-62-4 / 84603-69-0	EC No.	283-268-3	EINECS No.	283-268-3
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 DAT	1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET				
EMERGENCY CONTACTS	+31 6 83295085				

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)	H226 FLAMMABLE LIQUID AND VAPOUR, HAZARD CATEGORY 3 H315 SKIN IRRITATION, CATEGORY 2 H317 SKIN SENSITISATION, CATEGORY 1 H304 ASPIRATION HAZARD, CATEGORY 1 H410 ENVIRONMENTAL HAZARD, CHRONIC, CATEGORY 1	
2 ABEL ELEMENTS	Label in accordance with Regulation (EC) No 1272/2008.	
GHS LABEL	GHS07 GHS08 GHS09 GHS02	
Signal Word	DANGER.	
CONTAINS	Alpha pinene, Beta Pinene, Limonene, Myrcene	
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. P241 USE EXPLOSION-PROOF ELECTRICAL EQUIPMENT. P242 USE ONLY NON-SPARKING TOOLS. P243 TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE. P261 AVOID BREATHING VAPOURS/SPRAY. P273 AVOID RELEASE TO THE ENVIRONMENT. P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION. SP301+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. P370+P378 IN CASE OF FIRE: USE FOAM, CARBON DIOXIDE OR DRY POWDER TO EXTINGUISH. P391 COLLECT SPILLAGE. P501 DISPOSE OF CONTENTS IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION.	
Supplementary Precautionary Statements P264 Wash hands and exposed skin thoroughly after handling.		
3	SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.	
OTHER HAZARDS		
Adverse Physio-Chemical Properties	ES NONE.	
Adverse effects on human health	NONE.	
PBT or vPvB according to Annex XIII NONE		

SECTION 3: COMPOSITIO	N OF INGREDIENTS
	50.0 – 60.0% ALPHA-PINENE CAS No: 80-56-8 EC No: 201-291-9
3.1 MIXTURES	CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ACUTE TOX. 4 - H302, ASP. TOX. 1 - H304, SKIN İRRIT. 2 - H315, SKIN SENS. 1 - H317, AQUATIC ACUTE 1 H400, AQUATIC CHRONIC 1 - H410
	≤ 30.0% D-LIMONENE CAS NO: 5989-27-5 EC No: 227-813-5
	CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 0 - H304, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410
	≤ 5.0 % 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
	1.0 - 5.0% MYRCENE CAS NO: 123-35-3 EC NO: 204-622-5
	CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN İRRIT. 2 - H315, EYE İRRIT. 2 - H319, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 2 - H411
	≤ 0.5 % 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
	≤ 0.5% PARA-CYMENE CAS NO: 99-87-6 EC NO: 202-796-7
	CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 — H226, ASP. TOX. 1 — H304, REPR. 2 - H361, AQUATIC CHRONIC 2 - H411

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
INHALATION	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	NO DATA.
Most important symptoms & effects (Acute &	NO DATA.
Delayed)	
4.3	
INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR	NO DATA.
SPECIAL TREATMENT REQUIRED	

SECTION 5: FIRE FIGHTING MEASURES		
SECTION 5. TIKE HOMINO MEASURES		
5.1	FOAM, CO2, DRY CHEMICAL POWDER.	
EXTINGUISHING MATERIAL 5.2	TOAM, COZ, DRT CHEMICAL TOWNER.	
5.2 Special Hazards arising from the substance Or mixture	None.	
5.3	SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:	
ADVICE FOR FIRE-FIGHTERS	WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING.	
SECTION 6: ACCIDENTAL RELEASE MEASUR	ES	
6.1	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE	
PERSONAL PRECAUTIONS	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 SECTION 8. REFER & CONSIDER SECTION 13.	
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	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)	NO DATA.	
SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION		
8.1 CONTROL PARAMETERS	None.	
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 exhaus: 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 ventillation.
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.
ENVIROMENTAL EXPOSURE CONTROLS	AVOID DISCHARGING INTO DRAINAGE WATER.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES	
9.1 PHYSICAL & CHEMICAL PROPERTIES	
Appearance	Liquid
COLOUR	PALE YELLOW
Odour	RICH BALSAMIC WOODY PINEY
RELATIVE DENSITY	APPROX 0.877 @ 20°C
Flash Point (°C)	35°C.
Refractive Index @ 20 °C	APPROX 1.470 @ 20°C
Solubility in water @ 20 °C	INSOLUBLE IN WATER
9.2 OTHER INFORMATION	NO DATA.
SECTION 10: STABILITY & REACTIVITY	
10.1 REACTIVITY	Stable under usual storage conditions.
10.2 CHEMICAL STABILITY	Stable under suggested storage conditions (<15°C).
10.3 Possibility of hazardous reactions	No.
10.4 CONDITIONS TO AVOID	Storage at high temperatures. Do not store above 15°C.
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	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.
OTHER INFORMATION	NO DATA.
SECTION 12: ECOLOGICAL INFORMATION	,
12.1 Toxicity	VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT. WHEN SPILLED CAN CONTAMINATE SOIL, GROUND AND SURFACE WATER.
12.2 PERSISTENCE & DEGRADABILITY	NO DATA AVAILABLE.
12.3 BIO- ACCUMULATIVE POTENTIAL	None.
12.4 MOBILITY IN SOIL	NONE.
12.5 RESULTS OF PBT & VPVB ASSESSMENT	NO DATA.
12.6 OTHER ADVERSE EFFECTS	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.
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	
	ROAD: 1169
UN Number	AIR: 1169
	SEA: 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 — 51 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 ADR/RID/ADN PACKING GROUP - III 14.4 Ш IMDG PACKING GROUP -PACKING GROUP Ш ICAO PACKING GROUP -ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT 14.5 **ENVIROMENTAL HAZARDS** 14.6 SEE SECTIONS 6-8. **SPECIAL PRECAUTIONS FOR USER** 14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC NOT APPLICABLE. **SECTION 15: REGULATORY INFORMATION** PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & **LEGISLATION** 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 **EU DIRECTIVES** 1999/45/EC AND REPEALING COUNCIL REGULATION (EEC) NO793/93 & COMMISSION REGULATION (EC) NO 1488/94 AS WELL AS COUNCIL DIRECTIVE 76/769/EEC & COMMISSION DIRECTIVE 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (INCLUDING AMENDMENTS). THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 **STATUTORY INSTRUMENTS** No 716). CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA APPROVED CODE OF PRACTICE SHEETS FOR SUBSTANCES & PREPARATIONS. **GUIDANCE NOTES** WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108. 15.2 ASSESSMENT HAS NOT BEEN CARRIED OUT AS THIS IS A NON-HAZARDOUS MATERIAL ACCORDING TO CHEMICAL SAFETY ASSESSMENT 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. 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.
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.
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 TH APRIL 2018	Data Launch
2021	Review