## **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	TUMERIC (CURCUMA),	TUMERIC (CURCUMA), ESSENTIAL OIL			
BIOLOGICAL DEFINITION	Curcuma Longa Ro	Curcuma Longa Root Oil is the oil obtained from the root of the Turmeric, Curcuma longa L., Zingiberaceae.			
INCI NAME	Curcuma Longa Root Oil				
SYNONYMS & TRADE NAMES	-				
INTERNAL PRODUCT CODE	K0468				
CAS-No	84775-52-0	EC No.	283-882-1	EINECS No.	283-882-1
1.2					
DETAILS OF THE SUPPLIER OF THE SAFETY DAT	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				

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)	THE FULL TEXT FOR ALL R-PHRASES AND HAZARD STATEMENTS ARE DISPLAYED IN SECTION 16.	
CLASSIFICATION (EU1272/2008)	PHYSICAL HAZARDS: NOT CLASSIFIED. HEALTH HAZARDS: ASP. TOX. 1 - H304, SKIN IRRIT. 2 – H315, SKIN SENS. 1 - H317, EYE IRRIT. 2 - H319 ENVIRONMENTAL HAZARDS: AQUATIC CHRONIC 2 - H411	
2.2 Label Elements	LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.	
GHS LABEL	GHS07 GHS08 GHS09	
Signal Word	DANGER.	
Contains	BETA-BISABOLENE, BETA-CARYOPHYLLENE.	
Hazards Statement	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. H411 Toxic to aquatic life with long-lasting effects.	
Precautionary Statements	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. P302+P352 IF ON SKIN: WASH WITH PLENTY OF WATER. P305+P351+P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. P331 DO NOT INDUCE VOMITING. P333+P313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION. P337+P313 IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION. P362+P364 TAKE OFF CONTAMINATED CLOTHING. AND WASH IT BEFORE REUSE. P501 DISPOSE OF CONTENTS IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION.	
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	P264 WASH HANDS AND EXPOSED SKIN THOROUGHLY AFTER HANDLING.	
2.3	SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.	
OTHER HAZARDS		
ADVERSE PHYSIO-CHEMICAL PROPERTIES	NO ADDITIONAL DATA AVAILABLE.	
Adverse effects on human health	NO ADDITIONAL DATA AVAILABLE.	
PBT OR VPVB ACCORDING TO ANNEX XIII	NO ADDITIONAL DATA AVAILABLE.	
SECTION 3: COMPOSITION OF INGREDIEN	ITS	
	<35.0% AR-TUMERONE CAS NO: 532-65-0 EC NO: 664-010-2 CLASSIFICATION (EC 1272/2008) SKIN SENS. 1 – H317, EYE IRRIT. 2 – H319, AQUATIC CHRONIC 2 - H411	
3.2 Mixtures	1.0 – 5.0% BETA-BISABOLENE CAS NO: 495-61-4 EC NO: - CLASSIFICATION (EC 1272/2008) ASP. TOX. 1 – H304, SKIN IRRIT. 2 – H315, SKIN SENS. 1 – H317	
	1.0 – 5.0% BETA-CARYOPHYLLENE CAS NO: 87-44-5 EC NO: 201-746-1 CLASSIFICATION (EC 1272/2008) ASP. TOX. 1 – H304, SKIN SENS. 1B - H317, AQUATIC CHRONIC 4 - H413	
7	e time the client received this information. Please be aware that detail can change and we encourage clients to update their records	

1.0 – 5.0% ALPHA-HUMULENE CAS NO: 6753-98-6 EC NO: 229-816-7 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 – H315, EYE IRRIT. 2 – H319, STOT SE 3-H335
<b>&lt;2.5% P-CYMENE</b> 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

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	DO NOT INDUCE VOMITING. INGESTION MAY CAUSE NAUSEA AND VOMITING. IMMEDIATELY RINSE MOUTH AND PROVIDE FRESH CALL A POISON CENTER/DOCTOR.	
SKIN CONTACT	REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. GET MEDICAL ADVICE/ATTENTION, CONTINI TO RINSE.	
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	Burning produces irritating, toxic and obnoxious fumes	
5.3	SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:	
SECTION 6: ACCIDENTAL RELEASE MEAS	URES	
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 SECTION 8. REFER & CONSIDER SECTION 13.	
SECTION 7: HANDLING & STORAGE		

SMOKE WHEN USING THIS PRODUCT.

7.2 KEEP THE PRODUCT CONTAINER TIGHTLY CLOSED, IN A DRY, VENTILATED AREA. KEEP AWAY FROM POTENTIAL SOURCES OF **CONDITIONS FOR SAFE STORAGE, INCLUDING ANY** IGNITION AND PROTECTED FROM LIGHT. MAINTAIN LIMITED CONTACT WITH OXYGEN. INCOMPATIBILITIES 7.3 SUITABLE FOR COSMETIC, FLAVOUR, FRAGRANCE AND PROFESSIONAL USE ONLY. SPECIFIC END USE(S) **SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION** 8.1 NO DATA. **CONTROL PARAMETERS** 8.2 **EXPOSURE CONTROLS EYE PROTECTION** WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. HAND PROTECTION WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. GENERALLY UNNECESSARY IN A WELL VENTILATED AREA. RESPIRATORY EQUIPMENT IF VENTILATION IS INSUFFICIENT, RESPIRATORY PROTECTION MUST BE WORN. **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 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 CLEAR COLOUR DARK YELLOW - DARK REDDISH BROWN ODOUR CHARACTERISTIC RELATIVE DENSITY APPROX 0.935 @ 20°C FLASH POINT (°C) 132°C REFRACTIVE INDEX @ 20 °C APPROX. 1.510 @ 20°C SOLUBILITY IN WATER @ 20 °C INSOLUBLE IN WATER 9.2 NO DATA OTHER INFORMATION **SECTION 10: STABILITY & REACTIVITY** 10.1 PRESENTS NO SIGNIFICANT REACTIVITY HAZARDS. STABLE UNDER NORMAL TEMPERATURE CONDITIONS AND RECOMMENDED REACTIVITY USE. 10.2

**CHEMICAL STABILITY** 

THIS SUBSTANCE IS STABLE UNDER THE RECOMMENDED HANDLING AND STORAGE CONDITIONS IN SECTION 7.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS	NO ADDITIONAL DATA AVAILABLE.
10.4 CONDITIONS TO AVOID	AVOID HEAT, FLAMES AND OTHER SOURCES OF IGNITION.
10.5 INCOMPATIBLE MATERIALS	AVOID STRONG ACIDS, ALKALIS AND 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 Cuscillin
SKIN IRRITATION	NOT CLASSIFIED.
	CAUSES SKIN IRRITATION.
EYE DAMAGE OR IRRITATION	Causes serious eye irritation.
RESPIRATORY OR SKIN SENSITIVITY	SKIN — MAY CASUE AN ALLERGIC REACTION BY SKIN CONTACT.
GERM CELL MUTAGENICITY	NOT CLASSIFIED.
CARCINOGENICITY	NOT CLASSIFIED.
REPRODUCTIVE TOXICITY	NOT CLASSIFIED.
STOT – SINGLE EXPOSURE	NOT CLASSIFIED.
STOT — REPEATED EXPOSURE	NOT CLASSIFIED.
ASPIRATION HAZARD	MAYBE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
OTHER INFORMATION	NO DATA.
SECTION 12: ECOLOGICAL INFORMATION	
SECTION 12. ECOLOGICAL INI ORMATION	
12.1	_
Toxicity	TOXIC TO AQUATIC LIFE WITH LONG-LASTING EFFECTS.
12.2	
PERSISTENCE & DEGRADABILITY	NO DATA
12.3	NO DATA
BIO- ACCUMULATIVE POTENTIAL  12.4	W 5
MOBILITY IN SOIL	NO DATA.
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	J.
JESTION 13. DISPOSAL INFORMATION	
	DO NOT ALLOW ENTRY INTO DRAINS OR WATERWAYS.
13.1	WASTE:
VASTE TREATMENT METHODS	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.
WASIE IREAIMENI MEINODS	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. GIVE TO A CERTIFIED DISPOSAL
CONTRACTOR

SECTION 14: Transport Information		
14.1 TRANSPORT INFORMATION		
UN Number	ROAD: 3082 RAIL: 3082 AIR: 3082	
14.2 UN Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S.	
	ADR/RID ADR/RID—CLASS 9 ADR CLASSIFICATION CODE — M6 SPECIAL PROVISIONS — 274 335 375 601 LIMITED QUANTITIES — 5L EXPECTED QUANTITIES — E1 EMERGENCY ACTION CODE — •3Z	
14.3 TRANSPORT HAZARD CLASS(ES)	IMDG IMDG – CLASS 9 SPECIAL PROVISIONS – 274 335 375 601 LIMITED QUANTITIES – 5L EXPECTED QUANTITIES – E1 IMDG EMS – F-A, S-F STOWAGE AND HANDLING – CATEGORY A	
	ICAO/IATA ICAO/IATA— CLASS 9 IATA PROPER SHIPPING NAME - ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S. EXPECTED QUANTITIES — E1	
	TRANSPORT LABELS	
14.4 PACKING GROUP	ADR/RID/ADN PACKING GROUP III IMDG PACKING GROUP III ICAO PACKING GROUP III	
	Environmentally Hazardous Substance/Marine Pollutant.	
14.5 ENVIROMENTAL HAZARDS		
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 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18™ 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. 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. H335 May cause respiratory 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. 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.	
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
2021	Review