

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	CELERY SEED, ESSENTIAL OIL				
BIOLOGICAL DEFINITION	APIUM GRAVEOLENS SEED OIL IS AN ESSENTIAL OIL OBTAINED FROM THE SEEDS OF THE CELERY, APIUM GRAVEOLENS L., UMBELLIFERAE. IT CONTAINS D-LIMONENE, SEDANOLIDE, AND SEDANOIC ACID				
INCI NAME	APIUM GRAVEOLENS SEED OIL				
SYNONYMS & TRADE NAMES	-				
INTERNAL PRODUCT CODE	K0117				
CAS-No	89997-35-3	EC No.	289-668-4	EINECS No.	289-668-4
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 (EU1272/2008)		PHYSICAL HAZARDS FLAMMABLE LIQUIDS CATEGORY 3 HEALTH HAZARDS SKIN CORROSION/IRRITATION CATEGORY 2 SENSITIZATION, SKIN CATEGORY 1 ASPIRATION HAZARD CATEGORY 1 HAZARDOUS TO THE AQUATIC ENVIRONMENT, CATEGORY 1 ACUTE HAZARD ENVIRONMENTAL HAZARDS HAZARDOUS TO THE AQUATIC ENVIRONMENT, CATEGORY 1 LONG-TERM HAZARD.	
2.2 LABEL ELEMENTS		LABEL IN ACCORDANCE WITH REGULATION (EC) No 1272/2008.	
GHS LABEL		<div><div></div><div></div><div></div><div></div></div> <div>GHS02GHS07GHS08GHS09</div>	
SIGNAL WORD		DANGER.	
CONTAINS		LIMONENE, BUTYLIDENE PHTHALIDE, SEDANOLIDE, SEDANOIC ACID.	
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. H410: VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.	
PRECAUTIONARY STATEMENTS		P210: KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. — NO SMOKING. P273: AVOID RELEASE TO THE ENVIRONMENT. P280: WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. P301+P310: IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN. P302+P352: IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER. P331: Do NOT INDUCE VOMITING.	
SUPPLEMENTARY PRECAUTIONARY STATEMENTS		P391 COLLECT SPILLAGE.	
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		No DATA.	
SECTION 3: COMPOSITION OF INGREDIENTS			
3.1 MIXTURES		<74.0% LIMONENE CAS-No.: 5989-27-5 EC No.: 227-813-5 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, Asp. Tox.	

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	<p>1 - H304 AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410</p> <p><3.0% BUTYLIDENE PHTHALIDE CAS: 551-08-6, EC: 208-991-3 CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 - H302</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 IF NECESSARY.
INGESTION	GET MEDICAL ATTENTION IMMEDIATELY. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL ATTENTION IMMEDIATELY.
SKIN CONTACT	REMOVE CONTAMINATED CLOTHING. WASH THOROUGHLY WITH SOAP AND WATER. SEEK MEDICAL ADVICE IF IRRITATION PERSISTS OR THERE IS ANY SIGN OF TISSUE DAMAGE.
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	NONE EXPECTED, SEE SECTION 4.1 FOR FURTHER INFORMATION.

SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MATERIAL	FOAM, CO2, DRY CHEMICAL POWDER.
5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	NONE.
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	MAINTAIN GOOD OCCUPATIONAL AND PERSONAL HYGIENE. AVOID CONTACT WITH SKIN AND EYES.
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

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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	NO DATA.
8.2 EXPOSURE CONTROLS <div>   </div>	
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.
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	PALE YELLOW – YELLOW BROWN
ODOUR	CHARACTERISTIC.
RELATIVE DENSITY	APPROX. 0.878 @ 20°C
FLASH POINT (°C)	55°C
REFRACTIVE INDEX @ 20 °C	APPROX. 1.474 @ 20°C
SOLUBILITY IN WATER @ 20 °C	4.58 MG/L @ 25°C (EST.)

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9.2 OTHER INFORMATION	NO DATA.
SECTION 10: STABILITY & REACTIVITY	
10.1 REACTIVITY	NO ADDITIONAL DATA AVAILABLE.
10.2 CHEMICAL STABILITY	STABLE UNDER NORMAL TEMPERATURE CONDITIONS AND RECOMMENDED USE.
10.3 POSSIBILITY OF HAZARDOUS REACTIONS	NO ADDITIONAL DATA AVAILABLE.
10.4 CONDITIONS TO AVOID	STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 25°C.
10.5 INCOMPATIBLE MATERIALS	AVOID CONTACT WITH STRONG ACIDS, ALKALIS AND OXIDISING AGENTS.
10.6 HAZARDOUS DECOMPOSITION PRODUCTS	LIABLE TO CAUSE SMOKE & ACRID FUMES DURING COMBUSTION: CARBON MONOXIDE, CARBON DIOXIDE & OTHER NON-IDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED.

SECTION 11: TOXICOLOGICAL INFORMATION	
11.1 TOXICOLOGICAL EFFECTS	
ACUTE TOXICITY	NO DATA.
SKIN IRRITATION	CATEGORY 2 ACCORDING TO UN-GHS & EU-CLP FOLLOWING EC 1272/2008.
EYE DAMAGE OR IRRITATION	NOT CATEGORISED UNDER EC 1272/2008 BUT POTENTIAL EXISTS — WEAR EYE GOGGLES/FACE PROTECTION WHILST HANDLING.
RESPIRATORY OR SKIN SENSITIVITY	CATEGORY 1 ACCORDING TO UN-GHS & EU-CLP FOLLOWING EC 1272/2008. AN ALLERGIC REACTION TO THE ESSENTIAL OIL IN CELERY PLANT WORKERS HAS BEEN NOTED PALUMBO JF ET AL (1953). J AM PHARM ASSN. 42(1):57.
GERM CELL MUTAGENICITY	PHTHALIDES PRESENT IN CELERY SEED OIL (SEDANOLIDE, SADENENOLIDE, SEDANOIC ANHYDRIDE AND 3-N-BUYLPHTHALIDE ARE REPORTED TO HAVE SOME MUTAGENIC ACTIVITY (SHIBAMOTO & BJELDANES (1993)).
CARCINOGENICITY	NOT APPLICABLE.
REPRODUCTIVE TOXICITY	CELERY SEED OIL NOT RECOMMENDED FOR PREGNANT WOMEN BY SOME AUTHORITIES BUT FIRM EVIDENCE OF TOXICOLOGICAL EFFECTS IS DIFFICULT TO FIND.
STOT — SINGLE EXPOSURE	NOT APPLICABLE.
STOT — REPEATED EXPOSURE	NOT APPLICABLE.
ASPIRATION HAZARD	CATEGORY 1 ACCORDING TO UN-GHS & EU-CLP FOLLOWING EC 1272/2008.
OTHER INFORMATION	PREVIOUSLY CLASSSED AS NON-PHOTOTOXIC (URBACH & FORBES 1972).
SECTION 12: ECOLOGICAL INFORMATION	
12.1 TOXICITY	VERY TOXIC TO AQUATIC LIFE WITH LONG TERM ADVERSE EFFECTS.
12.2 PERSISTENCE & DEGRADABILITY	NO DATA.
12.3 BIO- ACCUMULATIVE POTENTIAL	NO DATA.
12.4 MOBILITY IN SOIL	NO DATA.
12.5 RESULTS OF PBT & VPVB ASSESSMENT	NO ADDITIONAL DATA AVAILABLE.
12.6 OTHER ADVERSE EFFECTS	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.

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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	
UN NUMBER	ROAD: 1169 RAIL: 1169 AIR: 1169
14.2 UN SHIPPING NAME	EXTRACTS, AROMATIC, LIQUID.
14.3 TRANSPORT HAZARD CLASS(ES)	ADR/RID/ADN CLASS: 3 FLAMMABLE LIQUID. IMDG CLASS: 3 FLAMMABLE LIQUID. ICAO CLASS/DIVISION: 3 FLAMMABLE LIQUID. TRANSPORT LABELS 
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	EMS NUMBER: F-E,S-D HAZCHEM CODE •3Z
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.	NO ADDITIONAL 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 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

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	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. H316: CAUSES MILD SKIN IRRITATION. H317: MAY CAUSE AN ALLERGIC SKIN REACTION. H400: VERY TOXIC TO AQUATIC LIFE. H410: VERY 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 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

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