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	NUTMEG, ESSENTIAL OIL				
BIOLOGICAL DEFINITION	MYRISTICA FRAGRANS FRUIT OIL (NUTMEG) IS AN ESSENTIAL OIL STEAM-DISTILLED FROM THE DRIED KERNELS OF THE RIPE SEEDS OF THE NUTMEG, MYRISTICA FRAGRANS, MYRISTICACEAE.				
INCI NAME	MYRISTICA FRAGRANS FRUIT OIL				
SYNONYMS & TRADE NAMES	-				
INTERNAL PRODUCT CODE	козо7				
CAS-No	84082-68-8 EC No. 282-013-3 EINECS No. 282-013-3			282-013-3	
1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DAT	.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	A 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. Physical hazards: Flam. Liq. 3 – H226
CLASSIFICATION (EU1272/2008)	HEALTH HAZARDS: ACUTE TOX. 4 – H302, ASP TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN SENS. 1B – H317, EYE IRRIT. 2 – H319, MUTA.2 – H341, CARC. 1B – H350, REPR. 2 – H361 ENVIRONMENTAL HAZARDS: AQUATIC ACUTE 1 – H400, AQUATIC CHRONIC 1 - H410
2.2 LABEL ELEMENTS	Label in accordance with Regulation (EC) No 1272/2008.
GHS LABEL	GHS07 GHS02 GHS08 GHS09
Signal Word	DANGER.
Contains	Sabinene, alpha-Pinene, beta-pinene, d-Limonene, Safrole
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. H319 CAUSES SERIOUS EYE IRRITATION. H341 SUSPECTED OF CAUSING GENETIC DEFECTS. H350 MAY CAUSE CANCER. H361 SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. 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. P240 GROUND AND BOND CONTAINER AND RECEIVING 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. P305+P351+P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. P308+P313 IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P331 DO NOT INDUCE VOMITING. P333+P313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION. P370+P378 IN CASE OF FIRE: USE CARBON DIOXIDE, DRY CHEMICAL, FOAM 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.
	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

25.0 – 35.0% SABINENE CAS NO: 3387-41-5 EC NO: 222-212-4 CLASSIFICATION (EC 1272/2008) FLAM, LIQ. 3 - H226, ASP, TOX. 1 - H304

10.0 – 20.0% 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

5.0 – 15.0% 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

≤ 10.1% 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

5.0 – 10.0% Terpinen-4-ol CAS No: 562-74-3 EC No: 209-235-5 CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 - H302, SKIN IRRIT. 2 - H315, SKIN SENS. 1A - H317, EYE IRRIT. 2 - H319, STOT SE 3 - H336

4.0 – 8.0% 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

1.0 – 5.0% ALPHA-TERPINENE CAS NO: 99-86-5 EC NO: 202-795-1 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ACUTE TOX. 4 - H302, SKIN SENS. 1B - H317, EYE IRRIT. 2 - H319, AQUATIC CHRONIC 2 – H411

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

1.0 – 5.0% ALPHA-THUJENE CAS NO: 2867-05-2 EC NO: 220-686-7 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 – H226, SKIN SENS. 1B – H317

1.0 - 5.0% MYRCENE CAS-No: 123-35-3 EC No: 204-622-5

1.0–5.0% ALPHA-TERPINOLENE CAS NO: 586-62-9 EC NO: 209-578-0 CLASSIFICATION (EC 1272/2008) ASP. TOX. 1 - H304, SKIN SENS. 1 – H317, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 – H410

≤ 1.92% SAFROLE CAS NO: 94-59-7 EC NO: 202-345-4 CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 - H302, MUTA. 2 - H341, CARC. 1B - H350

1.0 – 5.0% DELTA-3-CARENE CAS NO: 13466-78-9 EC NO: 236-719-3 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN SENS. 1A - H317, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410

1.0 – 5.0% ALPHA-PHELLANDRENE CAS NO: 99-83-2 EC NO: 202-792-5 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 – H304

1.0 – 2.0% P-CYMENE CAS NO: 99-87-6 EC NO: 202-796-7 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319, STOT SE 3 - H335

 \leq 0.91% METHYL EUGENOL CAS No: 93-15-2 EC No: 202-223-0 CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 - H302, MUTA. 2 - H341, CARC. 1B – H350

≤ **0.41 LINALOOL** CAS NO: 78-70-6 EC NO: 201-134-4 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, SKIN SENS. 1B - H317, EYE IRRIT. 2 - H319

3.2 MIXTURES

4.1		
DESCRIPTION OF FIRST AID MEASURES	ALWAYS DELICITE CONTAMINATED CLOTHING HAMPHATELY	
GENERAL INFORMATION	N ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY. GET MEDICAL ATTENTION IMMEDIATELY. REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND OBTAIN MEDICAL	
INHALATION	GET MEDICAL ATTENTION IMMEDIATELY. REMOVE FROM EXPOSURE SITE TO FRESH AIR, REEP AT REST, AND OBTAIN MEDICAL ATTENTION.	
Ingestion	DO NOT INDUCE VOMITING, INGESTION MAY CAUSE NAUSEA AND VOMITING, IMMEDIATELY RINSE MOUTH AND PROVIDE FRESH AIR GET MEDICAL ADVICE/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 INFORMATION.	
4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	Treat symptomatically	
SECTION 5: FIRE FIGHTING MEASURES		
5.1	FOAM, CO2, DRY CHEMICAL POWDER.	
EXTINGUISHING MATERIAL	Toring CO2, District Complete	
5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	BURNING PRODUCES IRRITATING, TOXIC AND OBNOXIOUS FUMES	
F 0		
0.3	SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:	
Advice for fire-fighters	WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING.	
5.3 ADVICE FOR FIRE-FIGHTERS SECTION 6: ACCIDENTAL RELEASE MEASO 6.1	WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING. URES ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE	
ADVICE FOR FIRE-FIGHTERS SECTION 6: ACCIDENTAL RELEASE MEASO 6.1 PERSONAL PRECAUTIONS	WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING. URES 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.	
Advice for fire-fighters SECTION 6: ACCIDENTAL RELEASE MEASI	WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING. URES 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	
ADVICE FOR FIRE-FIGHTERS SECTION 6: ACCIDENTAL RELEASE MEASE 6.1 PERSONAL PRECAUTIONS 6.2	WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING. URES 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. DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES. ABSORB WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH. COLLECT IN CLOSED AND SUITABLE CONTAINER	
ADVICE FOR FIRE-FIGHTERS SECTION 6: ACCIDENTAL RELEASE MEASI 6.1 PERSONAL PRECAUTIONS 6.2 ENVIRONMENTAL PRECAUTIONS 6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP 6.4	WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING. URES 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. DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES. ABSORB WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH. COLLECT IN CLOSED AND SUITABLE CONTAINER FOR DISPOSAL. PREVENT ANY MATERIAL FROM ENTERING DRAINS OR WATERWAYS. WASH SPILL SITE AFTER REMOVAL WITH A	
ADVICE FOR FIRE-FIGHTERS SECTION 6: ACCIDENTAL RELEASE MEASI 6.1 PERSONAL PRECAUTIONS 6.2 ENVIRONMENTAL PRECAUTIONS 6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP 6.4 REFERENCES TO OTHER SECTIONS	WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING. URES 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. DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES. ABSORB WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH. COLLECT IN CLOSED AND SUITABLE CONTAINER FOR DISPOSAL. PREVENT ANY MATERIAL FROM ENTERING DRAINS OR WATERWAYS. WASH SPILL SITE AFTER REMOVAL WITH A DETERGENT.	
SECTION 6: ACCIDENTAL RELEASE MEASI 5.1 PERSONAL PRECAUTIONS 6.2 ENVIRONMENTAL PRECAUTIONS 5.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP 6.4 REFERENCES TO OTHER SECTIONS	WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING. URES 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. DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES. ABSORB WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH. COLLECT IN CLOSED AND SUITABLE CONTAINER FOR DISPOSAL. PREVENT ANY MATERIAL FROM ENTERING DRAINS OR WATERWAYS. WASH SPILL SITE AFTER REMOVAL WITH A DETERGENT.	
SECTION 6: ACCIDENTAL RELEASE MEASI 6.1 PERSONAL PRECAUTIONS 6.2 ENVIRONMENTAL PRECAUTIONS 6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING JP 6.4 REFERENCES TO OTHER SECTIONS SECTION 7: HANDLING & STORAGE	WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING. URES 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. DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES. ABSORB WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH. COLLECT IN CLOSED AND SUITABLE CONTAINER FOR DISPOSAL. PREVENT ANY MATERIAL FROM ENTERING DRAINS OR WATERWAYS. WASH SPILL SITE AFTER REMOVAL WITH A DETERGENT. REFER & CONSIDER SECTIONS 4, 7, 8 & 13. HANDLE IN ACCORDANCE WITH GOOD HYGIENE AND SAFETY PRACTICE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AN HOT SURFACES NO SMOKING. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. USE IN ACCORDANCE WITH GOOD	
SECTION 6: ACCIDENTAL RELEASE MEASI 5.1 PERSONAL PRECAUTIONS 6.2 ENVIRONMENTAL PRECAUTIONS 6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP 6.4 REFERENCES TO OTHER SECTIONS SECTION 7: HANDLING & STORAGE 7.1 PRECAUTIONS FOR SAFE-HANDLING	WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING. URES 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. DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES. ABSORB WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH. COLLECT IN CLOSED AND SUITABLE CONTAINER FOR DISPOSAL. PREVENT ANY MATERIAL FROM ENTERING DRAINS OR WATERWAYS. WASH SPILL SITE AFTER REMOVAL WITH A DETERGENT. REFER & CONSIDER SECTIONS 4, 7, 8 & 13. HANDLE IN ACCORDANCE WITH GOOD HYGIENE AND SAFETY PRACTICE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AN 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 O	
ADVICE FOR FIRE-FIGHTERS SECTION 6: ACCIDENTAL RELEASE MEASI 6.1 PERSONAL PRECAUTIONS 6.2 ENVIRONMENTAL PRECAUTIONS 6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING	WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING. URES 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. DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES. ABSORB WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH. COLLECT IN CLOSED AND SUITABLE CONTAINER FOR DISPOSAL. PREVENT ANY MATERIAL FROM ENTERING DRAINS OR WATERWAYS. WASH SPILL SITE AFTER REMOVAL WITH A DETERGENT. REFER & CONSIDER SECTIONS 4, 7, 8 & 13. HANDLE IN ACCORDANCE WITH GOOD HYGIENE AND SAFETY PRACTICE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AN 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 OIL SMOKE WHEN USING THIS PRODUCT.	

8.1 **CONTROL PARAMETERS**

LINALOOL (CAS: 78-70-6) INGREDIENT COMMENTS: NO EXPOSURE LIMITS NOTED FOR INGREDIENT(S).

8.2



### PROTECTION WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. ###################################		
RESPIRATORY EQUIPMENT GENERALLY UNNECESSARY IN A WELL VENTILATED AREA. 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. WEAR PROTECTION WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT. AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES. USE OF CHEMICAL RESISTANT CLOTHING IS RECOMMENDED WHEN HANDLING.	EYE PROTECTION	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.
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. WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT. AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES. USE OF CHEMICAL RESISTANT CLOTHING IS RECOMMENDED WHEN HANDLING.	HAND PROTECTION	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.
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. WEAR PROTECTION WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT. AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES. USE OF CHEMICAL RESISTANT CLOTHING IS RECOMMENDED WHEN HANDLING.	DECDIDATORY EQUIDMENT	GENERALLY UNNECESSARY IN A WELL VENTILATED AREA.
ENGINEERING MEASURES PROVIDE ADEQUATE VENTILATION OR RESPIRATORY PROTECTION. SKIN PROTECTION WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT. AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES. USE OF CHEMICAL RESISTANT CLOTHING IS RECOMMENDED WHEN HANDLING.	RESPIRATORT EQUIPMENT	IF VENTILATION IS INSUFFICIENT, RESPIRATORY PROTECTION MUST BE WORN.
SKIN PROTECTION WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT. AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES. USE OF CHEMICAL RESISTANT CLOTHING IS RECOMMENDED WHEN HANDLING.	HYGIENE MEASURES	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.
PERSONAL PROTECTION AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES. USE OF CHEMICAL RESISTANT CLOTHING IS RECOMMENDED WHEN HANDLING.	Engineering Measures	Provide adequate ventilation or respiratory protection.
PERSONAL PROTECTION RECOMMENDED WHEN HANDLING.	SKIN PROTECTION	WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT.
RECOMMENDED WHEN HANDLING.	PERSONAL PROTECTION	AVOID INHALATION OF THE PRODUCT, AVOID CONTACT WITH SKIN AND EYES. USE OF CHEMICAL RESISTANT CLOTHING IS
OTHER PROTECTION WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOLIES.	T EKSONAL T KOTECTION	RECOMMENDED WHEN HANDLING.
TE IN CONTROL FROM THE PROPERTY OF THE PROPERT	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.	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.	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
ODOUR	CHARACTERISTIC OF NUTMEG
RELATIVE DENSITY	Approx. 0.882 @ 20°C
Flash Point (°C)	36°C
Refractive Index @ 20 °C	APPROX. 1.481 @ 20°C
SOLUBILITY IN WATER @ 20 °C	INSOLUBLE IN WATER
9.2 Other Information	NO ADDITIONAL DATA AVAILABLE.
CECTION 10 CHARLIEV C DEAGENUEV	

SECTION 10: STABILITY & REACTIVITY	
10.1 REACTIVITY	PRESENTS NO SIGNIFICANT REACTIVITY HAZARDS. STABLE UNDER NORMAL TEMPERATURE CONDITIONS AND RECOMMENDED USE.
10.2 CHEMICAL STABILITY	Stable under suggested storage conditions (<15°C).
10.3 POSSIBILITY OF HAZARDOUS REACTIONS	NOT EXPECTED UNDER NORMAL CONDITIONS OF USE
10.4 CONDITIONS TO AVOID	KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. PREVENT STORING THE PRODUCT IN OPEN CONTAINERS FOR LONG PERIODS SO AS TO PREVENT THE FORMATION OF PEROXIDES AND 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	HARMFUL IF SWALLOWED.
SKIN IRRITATION	Causes skin irritation.
EYE DAMAGE OR IRRITATION	Causes serious eye irritation
RESPIRATORY OR SKIN SENSITIVITY	SKIN — MAY CAUSE AN ALLERGIC SKIN REACTION
GERM CELL MUTAGENICITY	SUSPECTED OF CAUSING GENETIC DEFECTS
CARCINOGENICITY	MAY CAUSE CANCER
REPRODUCTIVE TOXICITY	SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD
STOT – SINGLE EXPOSURE	NOT CLASSIFIED
STOT — REPEATED EXPOSURE	NOT CLASSIFIED
ASPIRATION HAZARD	MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS
OTHER INFORMATION	NO ADDITIONAL DATA AVAILABLE.
SECTION 12: ECOLOGICAL INFORMATION 12.1 TOXICITY	VERY TOXIC TO AQUATIC LIFE WITH LONG-LASTING EFFECTS.
12.2 PERSISTENCE & DEGRADABILITY	NO DATA
12.3	NO DATA
BIO- ACCUMULATIVE POTENTIAL 12.4 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	
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.

14.1	
Transport Information	
	ROAD: 1169
UN NUMBER	RAIL: 1169
14.2	AIR: 1169
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 604E LIMITED QUANTITIES — 51 EXPECTED QUANTITIES — E1 EMERGENCY ACTION CODE — 3Y TUNNEL RESTRICTION CODE — D/E IMDG IMDG IMDG—CLASS 3 SPECIAL PROVISIONS — 601 640E LIMITED QUANTITIES — 51 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
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 SECIONS 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	

	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) No 1 488/94 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
STATUTORY INSTRUMENTS	No 716).
APPROVED CODE OF PRACTICE	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	AN ASSESSMENT HAS NOT BEEN EXECUTED AS THIS IS NOT A 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. H335 MAY CAUSE RESPIRATORY IRRITATION. H336 MAY CAUSE DROWSINESS OR DIZZINESS. H341 SUSPECTED OF CAUSING GENETIC DEFECTS. H350 MAY CAUSE CANCER. 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.	
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
FEBRUARY 2021	Review