

## **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 FRANKINCENSE (BOSWELLIA CARTERII), ESSENTIAL OIL ORGANIC **BIOLOGICAL DEFINITION** BOSWELLIA CARTERII OIL IS THE VOLATILE OIL OBTAINED FROM THE BOSWELLIA CARTERII, BURSERACEAE. INCI NAME BOSWELLIA CARTERII OIL **SYNONYMS & TRADE NAMES** ORGANIC FRANKINCENSE OIL INTERNAL PRODUCT CODE к0191 89957-98-2 / EC No. 289-620-2 / 232-474-1 EINECS No. CAS-No 289-620-2 / 232-474-1 8050-07-5 1.2 **DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET** Bomar Ltd, COMPANY ADDRESS Sea Road, Kilcoole, Co.Wicklow EMAIL info@bomar.ie 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET **EMERGENCY CONTACTS** John Byrne 012875110





CLASSIFICATION OF THE SUBSTANCE OF MAXTURE     THE FULL TEAT FOR ALL HUZADS STATURENTS IS DEPLAYED IN SECTION 1.0.       CLASSIFICATION (67/54/6/EE)     NO ADDITIONAL DATA AVAILABLE.       CLASSIFICATION (67/54/6/EE)     PPYSICAL HUZADDS FLAM. LG. 3 – H226       HIAATTI MAZARDS: ACUTE TOX. 4 – H302, ASD. TOX. 1 – H304, SEN IERT. 2 – H315, SEN SENS. 18 – H317, REP.       CLASSIFICATION (EU1272/2008)     HIAATTI MAZARDS: ACUTE TOX. 4 – H302, ASD. TOX. 1 – H304, SEN IERT. 2 – H315, SEN SENS. 18 – H317, REP.       L22     ENVIRONMENTAL MAZARDS: ACUTE TOX. 4 – H302, ASD. TOX. 1 – H400, ADUATE CHEONE 1 – H410- CHEONE 1 + AZARD, CATEGORY       L32     ENVIRONMENTAL MAZARDS: ACUTE TOX. 4 – H302, ASD. TOX. 1 – H304, SEN IERT. 2 – H315, SEN SENS. 18 – H317, REP.       L32     ENVIRONMENTAL MAZARDS: ACUTE TOX. 4 – H302, ASD. TOX. 1 – H400, ADUATE CHEONE 1 – H410- CHEONE 1 + AZARD, CATEGORY       L32     ENVIRONMENTAL MAZARDS: ADUATE CHEONE (1 – H410, CHEONE 1 – H410- CHEONE 1 + AZARD, CATEGORY       L32     ENVIRONMENTAL MAZARDS: ADUATE CHEONE (1 – H410, CHEONE 1 + AZARD, CATEGORY       L32     ENVIRONMENTAL MAZARDS: ADUATE CHEONE (1 – H410, CHEONE 1 + AZARD, CATEGORY       L32     ENVIRONMENTAL MAZARDS: ADUATE CHEONE (1 – H410, CHEONE 1 + AZARD, CATEGORY       L32     ENVIRONMENTAL MAZARDS: ADUATE CHEONE (1 – H410, CHEONE 1 + AZARD, CHEONE	SECTION 2: HAZARDS IDENTIFICATION		
PHYSICAL HAZARDS: FLAM. LIG. 3 – H226         CLASSPECTION (EU1272/2008)         HALATH MAZARDS: ACUTE TOX. 4 – H302, ASP. TOX. 1 – H304, SKIN IKET. 2 – H315, SKIN SENS. 18 – H317, REPR. H301         SKINGOMENTAL HAZARDS: ACUTE TOX. 4 – H302, ASP. TOX. 1 – H304, SKIN IKET. 2 – H315, SKIN SENS. 18 – H317, REPR. H301         SKINGOMENTAL HAZARDS: ACUTE TOX. 4 – H302, ASP. TOX. 1 – H400, AQUATIC CHRONC 1 – H410. CHRONC HAZARD, CATEGORY (AQUATIC CHRONC 2, H411).         SKINGOMENTAL HAZARDS: ACUTE TOX. 4 – H302, ASP. TOX. 1 – H400, AQUATIC CHRONC 1 – H410. CHRONC HAZARD, CATEGORY (AQUATIC CHRONC 2, H411).         CHORE & CONTAINS         ALLER & KALCORDANCE WITH REQULATION (EC) NO 1272/7008.         CONTAINS         ALLER & KALCORDANCE WITH REQULATION (EC) NO 1272/7008.         CONTAINS         ALLER & KALCORDANCE WITH REQULATION (EC) NO 1272/7008.         CONTAINS         ALLENCE & KALL MALARDE CHARGE WITH AND AND KENT ALLENCE WITH AND AND AND KENT ALLENCE WITH AND	2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE CLASSIFICATION (67/548/EEC)		
CLASSIFICATION (EU1272/2008)     H361       ENVERTORMENTAL HAZARDS: AQUATIC ACUTE 1 – H 400, AQUATIC CHEONIC 1 – H410- CHEORIC HAZARD, CATEODRY (AQUATIC CHEORIC 2, H411).       2.2 LABEL ELEMENTS     LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.       GHS LABEL     GHS LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.       GHS LABEL     GHS LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.       GHS LABEL     GHS LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.       GHS LABEL     GHS LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.       GHS LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.     H3508       GHS LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.     H3508       GHS LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.     H3508       GHS LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.     H3508       GHS LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.     H3508       HAZARDS STATEMENT     H326 FLAMMABE UDUD AND VAPOUR.       H310 KAR CAUSE AN LIERCIC SIN REACTION.     H310 KAR CAUSE AN LIERCIC SIN REACTION.       H311 WITH VAR AREA SIN REWINN RUM HAD AND THE REVERTS.     H310 KAR CAUSE AN ALLERCIC SIN REACTION.       H312 KAR CAUSE AN LIERCIC CO ADUALICUE WITH LOCAL SING REPECTS.     H310 KAR CAUSE AN ALLERCIC SIN REACTION.       P220 CAUSE AND AND SINC CHARMABE UDURE AND OTHER INSTITUTION SOLREES. NO SMOKING.     P220 CAUSE AND AND SINC CHARMABE AND RECENT REVERTS.       P210 LIES ERVISION-PROOF ELECTECAU (VERTICAL			
(AQUATIC CHRONIC 2, H411).         2.2         LABEL IR LACCORDANCE WITH REGULATION (EC) NO 1272/2008.         CH5 LABE       Image: Chronic Chronic Control Contrel Control Control Control Control Control Control Con	CLASSIFICATION (EU1272/2008)		
LABEL ELEMENTS       LABEL EN ACCORDANCE WITH REQUILITION (EC) NO 1272/2008.         GHS LABEL       Image: Constraints         SIGNAL WORD       DANGER         CONTAINS       ALPHA-PIRENE, D-LIMONENE, P-CYMENE         Image: Contraints       Hazardos Statement         Hazardos Statement       Ha30 MAY BE FATLE IS WAILOWED.         H330 MAY BE FATLE IS WAILOWED.       H330 MAY BE FATLE IS WAILOWED.         H331 Countes Sont Instrainton.       H331 Countes Sont Instrainton.         H332 MAY COULD BAR AN LIEROIC SINE RESCTION.       H331 Countes Sont Instrainton.         H331 Countes Sont Instrainton.       H331 Countes Sont Instrainton.         H332 MAY COULD BAR AN LIEROIC SINE RESCTION COULD AND DITER AND OTHER INSTITUTION SOURCES. NO SMOKING.       P2010 Experiments Sont Instrainton.         P210 CREME SONT INSTRAINT COULS STITUTE SONT INSTRUCTURE (UNITION SOURCES. NO SMOKING.       P2014 COUND AND DITER INFORMATION.         P210 CREME CONTINUES CONTRAINT SONT STATEMENT.       P214 CREMINSTRAINT SONT INSTRUCTURE (UNITION CREMENT.         P241 DE SENTINGTON OR BASH FORD THE INFORMATION SOURCES. SETTING (VERTINING SOURIPERT.			
CHSO7       CHSO2       CHSO2       CHSO3       CHSO3       HCSO8         SIGNAL WORD       DANGER       CONTAINS       ALPHA-PINENE, D-LIMONENE, P-CYMENE         CONTAINS       ALPHA-PINENE, D-LIMONENE, P-CYMENE       HCSO8       HCSO8         H320       FLAMMABLE LIQUID AND VAPOUR.       HCSO8       HCSO8         H324       FLAMMABLE LIQUID AND VAPOUR.       HCSO8       HCSO8         H334       MAY BE FATAL IF SWALLOWED.       HCSO8       HCSO8         H424       FLAMMABLE LIQUID AND VAPOUR.       HCSO8       HCSO8         H334       MAY BE FATAL IF SWALLOWED.       HCSO8       HCSO8         H344       HCSOR AND CONTAINS       HCSOR CHLO.       HCSOR         H335       MAY EFATAL IF SWALLOWED.       HCSOR CHLO.       HCSOR         H344       HCSOR CON AND SOND CONTAINER AND RECEIVED CHLO.       HCSOR CHLO.       HCSOR         H210       VEW TOXY CO AQUARC LIFE WITH LONG LASTING SOLUMENT.       P240       GEGUSION-PROCOF ELECTRICAL/VENTILATION OF RELSES       P240         P240       GROUND AND SOND CONTAINER AND RECEIVED CONTAINER AND OTHER IGNITION SOURCES. NO SMOKING.       P240       P241 USE BON-SMARKING TOOLS.       P241 USE BON-SMARKING TOOLS.       P241 USE BON WORD HEAT       P242 USE NON-SMARKING PENTONO TERE/NOLOCINAL AND ELONESAND COUNCES.       P243 USE SO	2.2 Label Elements	Label in accordance with Regulation (EC) No 1272/2008.	
CONTAINS       ALPHA-PINENE, D-LIMONENE, P-CYMENE         H226 FLAMMABLE LIQUID AND VAPOUR.       H302 HARMFUL IF SWALLOWED.         H302 HARMFUL IF SWALLOWED.       H302 HARMFUL IF SWALLOWED.         H302 HARMFUL IF SWALLOWED.       H302 HARMFUL IF SWALLOWED.         H302 HARMFUL IF SWALLOWED.       H304 MAY BE FATAL IF SWALLOWED.         H316 YALMER AN LEBROIC SKIN REACTION.       H317 MAY CAUSE AN ALEROIC SKIN REACTION.         H317 MAY CAUSE AN ALEROIC SKIN REACTION.       H316 YEAN COMPACIAL SKIN REACTION.         H310 YEAY TO ANG ING FEETILITY OR THE UNBORN CHILD.       H410 YEAY TOKIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.         P210 KEEP XMAY FROM HEAT, HOT SUFFACES, SPRAKS, OPEN FLAMES AND OTHER IGNITION SOURCES. NO SMOKING.       P243 USE EXPLOSION-PROOF ELECTRICAL/VENITURING/LIGHTING/LIGHTING / SUGUIPMENT.         P241 USE EXPLOSION-PROOF ELECTRICAL/VENITURING / LIGHTING / LIGHI	GHS LABEL	GHS07 GHS02 GHS09 HGS08	
H226 FLAMMABLE LIQUID AND VAPOUR.         H302 HABWIU, IF SWALLOWED.         H302 HABWIU, IF SWALLOWED.         H302 HABWIU, IF SWALLOWED.         H315 CAUSES SIX IN REFLATO.N.         H317 MAY CAUSE AN ALLERCIC SKIN REACTION.         H310 VEEN YOK CTO AQUATIC LIFE WITH LONG STATION.         H310 VEEN YOK CTO AQUATIC LIFE WITH LONG POR FLAMES AND OTHER IGNITION SOURCES. NO SMOKING.         P240 GROUND AND BOND CONTAINER AND RECEIVING EQUIPMENT.         P241 USE EXPLOSION-PROOF ELECTRICAL /VENTIMING/LIGHTING/LEQUIPMENT.         P242 USE NON-PROOF ELECTRUE SLOVES/SPRAY.         P273 AVOID RELEASE TO THE ENVIRONMENT.         P280 WARA REPORTIVE GLOVES/SPRAY.         P331 HON TINDUCE VONTING.         P331 DO NOT INDUCE VONTING.         P331 DO NOT I	Signal Word	Danger	
H302 HARMEUL IF SWALLOWED.         H304 MAY BE FATAL IF SWALLOWED.         H315 CAUSES KIN IRRITATION.         H315 CAUSES KIN IRRITATION.         H317 MAY CAUSE AN ALLERCIC SKIN REACTION.         H315 Suspected Do PDAMAGINE FERTILITY OR THE UNBORN CHILD.         H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.         P210 KEEP AWAY FROM HEAT, HOT SUFFACIONE, SPARKS, OPEN FLAMES AND OTHER IGNTION SOURCES. NO SMOKING.         P240 GROUND AND BOND CONCOLLAIRER AND RECEIVING COUPMENT.         P241 USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING/EQUIPMENT.         P241 USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING/EQUIPMENT.         P242 USE NON-SPARKING TOOLS.         P243 TAKE ACTION TO PREVENT STATE DISCHARGES         P261 VERY PROTECTIVE GLOVES/PROTECTIC CLOTHING/EYE PROTECTION/FACE PROTECTION         P280 WEAR PROTECTIVE GLOVES/PROTECTURE CLOTHING/SEE PROTECTION         P301 +P301 IF SWALLOWED INMEDIATELY CALL A POISON CENTER/JOCTOR.         P303 +P361 +P353 IN CASE OF THE ENVIRONMENT.         P301 +P301 IF SWALLOWED IN MERDATELY CALL A POISON CENTER, JOANNEAD.         P301 +P301 IF SWALLOWED WED INMEDIATELY CALL A POISON CENTER, JOANNEAD.         P301 +P301 IF SWALLOWED IN MOR RAHD OCCURS. GET MEDICAL ADVICE/ATTENTION.         P301 DIDOT INDUCE YOMTING.<	Contains	ALPHA-PINENE, D-LIMONENE, P-CYMENE	
P210 KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. NO SMOKING.         P240 GROUND AND BOND CONTAINER AND RECEIVING EQUIPMENT.         P241 USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING/EQUIPMENT.         P242 USE NON-SPARKING TOOLS.         P243 TAKE ACTION TO PREVENT STAIL DISCHARGES         P261 VOID BREATING VAPOURS/SPRAY.         P273 AVOID RELEASE TO THE ENVIRONMENT.         P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION         P301 I+P310 IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER/DOCTOR.         P303+P331 I+P313 IF SINI INDUCE VOMITING.         P311 DO NOT INDUCE VOMITING.         P333 IPO NOT INDUCE VOMITING.         P313 IPO SINI INDUCE VOMITING.         P313 IPO SIN INDUCE VOMITING.         P310 IPS VEAR OF FIRE USE CARBON DIOXIDE, DRY CHEMICAL, FOAM TO EXTINGUISH.         P310 IDSPOSE 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         NO DATA.         NO DATA.	HAZARDS STATEMENT	H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H361 Suspected of damaging fertility or the unborn child.	
SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL. 2.3 DTHER HAZARDS Adverse physio-chemical properties NO Data. NO Data. NO Data.	Precautionary Statements	<ul> <li>P210 KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. NO SMOKING.</li> <li>P240 GROUND AND BOND CONTAINER AND RECEIVING EQUIPMENT.</li> <li>P241 USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING/EQUIPMENT.</li> <li>P242 USE NON-SPARKING TOOLS.</li> <li>P243 TAKE ACTION TO PREVENT STATIC DISCHARGES</li> <li>P261 AVOID BREATHING VAPOURS/SPRAY.</li> <li>P273 AVOID RELEASE TO THE ENVIRONMENT.</li> <li>P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION</li> <li>P301+P310 IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER/DOCTOR.</li> <li>P303+P361+P353 IF ON SKIN (OR HAIR) TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER</li> <li>P333+P313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.</li> <li>P370+P378 IN CASE OF FIRE USE CARBON DIOXIDE, DRY CHEMICAL, FOAM TO EXTINGUISH.</li> <li>P391 COLLECT SPILLAGE.</li> </ul>	
2.3 OTHER HAZARDS Adverse Physio-chemical properties No Data. No Data. No Data	Supplementary Precautionary Statements	P264 WASH HANDS AND EXPOSED SKIN THOROUGHLY AFTER HANDLING.	
OTHER HAZARDS Adverse Physio-chemical properties NO DATA. Adverse effects on human health No DATA. NO DATA		Section 16 (Other Information): Risk & Safety phrases in full.	
Adverse physio-chemical properties           Adverse effects on human health         No Data			
	Adverse physio-chemical properties	NO DATA.	
PBT OR VPVB ACCORDING TO ANNEX XIII	Adverse effects on human health		
	PBT OR VPVB ACCORDING TO ANNEX XIII	No Data.	





	<b>25.0 – 50.0 % ALPHA-PINENE</b> 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	
3.1 Substances	
	2.5 - 10.0% Myrcene         CAS NO: 123-35-3         EC NO: 204-622-5           CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410

#### **SECTION 4: FIRST AID MEASURES**

<b>4</b> .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. IMMEDIATELY CALL THE DOCTOR. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL	
INGESTION	ATTENTION. INGESTION MAY CAUSE NAUSEA AND VOMITING.	
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 &	NO ADDITIONAL DATA AVAILABLE.	
DELAYED)		
4.3		
INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR	TREAT SYMTOMATICALLY.	
SPECIAL TREATMENT REQUIRED		

#### **SECTION 5: FIRE FIGHTING MEASURES** 5.1 EXTINGUISH WITH THE FOLLOWING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM. **EXTINGUISHING MATERIAL UNSUITABLE EXTINGUISHING MEDIA:** DO NOT USE WATER JET AS AN EXTINGUISHER, AS THIS MAY SCATTER AND SPREAD FIRE. 5.2 A FIRE WILL OFTEN PRODUCE A THICK BLACK SMOKE. EXPOSURE TO DECOMPOSITION PRODUCTS MAY BE HAZARDOUS TO SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR HEALTH, DO NOT BREATHE IN SMOKE, MIXTURE 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 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 MEASURES

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Bomar regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from Bomar.

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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. AVOID INHALATION.	
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. COVER WITH AN INERT, INORGANIC, NON-COMBUSTIBLE ABSORBENT MATERIAL (E.G DRY-LIME, SAND, SODA ASH).	
6.4 References to other sections	REFER & CONSIDER SECTION 12.	
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	STORAGE CLASS: FLAMMABLE LIQUID STORAGE. STORE ONLY IN THE ORIGINAL RECEPTACLE. KEEP CONTAINER TIGHTLY SEALE KEEP IN COOL, DRY, VENTILATED STORAGE AND CLOSED CONTAINERS. KEEP AWAY FROM HEAT.	
7.3 Specific end use(s)	No Data.	
SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION		
PERSONAL PROTECTION 8.1 Control Parameters	NO ADDITIONAL DATA AVAILABLE.	
PERSONAL PROTECTION 8.1 Control Parameters 8.2	NO ADDITIONAL DATA AVAILABLE.	
PERSONAL PROTECTION 8.1 Control Parameters 8.2	NO ADDITIONAL DATA AVAILABLE.         WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. AVOID CONTACT WITH EYES. WEAR APPROVED SAFETY GOGGLES. (EN166)	
PERSONAL PROTECTION 8.1 CONTROL PARAMETERS 8.2 EXPOSURE CONTROLS CONTROLS	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION, AVOID CONTACT WITH EYES. WEAR APPROVED SAFETY	
PERSONAL PROTECTION 8.1 CONTROL PARAMETERS 8.2 EXPOSURE CONTROLS CONTROL OF CONTROLS CONTROL PARAMETERS 8.2 EXPOSURE CONTROLS EXPOSURE CONTROLS CONTROL PARAMETERS 8.2 EXPOSURE CONTROLS CONTROL PARAMETERS	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. AVOID CONTACT WITH EYES. WEAR APPROVED SAFETY GOGGLES. (EN166) Avoid contact with skin. Wash hands before breaks and at end of work. Wear Protective gloves. DIN/EN 374. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Penetration time of glove material: The exact break through time has to be found out by the manufacturer o	
PERSONAL PROTECTION 8.1 CONTROL PARAMETERS 8.2 EXPOSURE CONTROLS	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. AVOID CONTACT WITH EYES. WEAR APPROVED SAFETY GOGGLES. (EN166) AVOID CONTACT WITH SKIN. WASH HANDS BEFORE BREAKS AND AT END OF WORK. WEAR PROTECTIVE GLOVES. DIN/EN 374. THE GLOVE MATERIAL HAS TO BE IMPERMEABLE AND RESISTANT TO THE PRODUCT/ THE SUBSTANCE/ THE PREPARATION. PENETRATION TIME OF GLOVE MATERIAL: THE EXACT BREAK THROUGH TIME HAS TO BE FOUND OUT BY THE MANUFACTURER O THE PROTECTIVE GLOVES AND HAS TO BE OBSERVED.	
PERSONAL PROTECTION 8.1 CONTROL PARAMETERS 8.2 EXPOSURE CONTROLS EXPOSURE CONTROLS	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. AVOID CONTACT WITH EYES. WEAR APPROVED SAFETY GOGGLES. (EN166) AVOID CONTACT WITH SKIN. WASH HANDS BEFORE BREAKS AND AT END OF WORK. WEAR PROTECTIVE GLOVES. DIN/EN 374. THE GLOVE MATERIAL HAS TO BE IMPERMEABLE AND RESISTANT TO THE PRODUCT/ THE SUBSTANCE/ THE PREPARATION. PENETRATION TIME OF GLOVE MATERIAL: THE EXACT BREAK THROUGH TIME HAS TO BE FOUND OUT BY THE MANUFACTURER O THE PROTECTIVE GLOVES AND HAS TO BE OBSERVED. DO NOT INHALE GASES / FUMES / AEROSOLS. CERTIFIED RESPIRATORY PROTECTIVE DEVICE RECOMMENDED.	
PERSONAL PROTECTION 8.1 CONTROL PARAMETERS 8.2 EXPOSURE CONTROLS EXPOSURE CONTROLS EYE PROTECTION HAND PROTECTION RESPIRATORY EQUIPMENT HYGIENE MEASURES	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. AVOID CONTACT WITH EYES. WEAR APPROVED SAFETY GOGGLES. (EN166) AVOID CONTACT WITH SKIN. WASH HANDS BEFORE BREAKS AND AT END OF WORK. WEAR PROTECTIVE GLOVES. DIN/EN 374. THE GLOVE MATERIAL HAS TO BE IMPERMEABLE AND RESISTANT TO THE PRODUCT / THE SUBSTANCE / THE PREPARATION. PENETRATION TIME OF GLOVE MATERIAL: THE EXACT BREAK THROUGH TIME HAS TO BE FOUND OUT BY THE MANUFACTURER O THE PROTECTIVE GLOVES AND HAS TO BE OBSERVED. DO NOT INHALE GASES / FUMES / AEROSOLS. CERTIFIED RESPIRATORY PROTECTIVE DEVICE RECOMMENDED. GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.	
PERSONAL PROTECTION 8.1 CONTROL PARAMETERS 8.2 EXPOSURE CONTROLS EXPOSURE CONTRO	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. AVOID CONTACT WITH EYES. WEAR APPROVED SAFETY GOGGLES. (EN166) AVOID CONTACT WITH SKIN. WASH HANDS BEFORE BREAKS AND AT END OF WORK. WEAR PROTECTIVE GLOVES. DIN/EN 374. THE GLOVE MATERIAL HAS TO BE IMPERMEABLE AND RESISTANT TO THE PRODUCT / THE SUBSTANCE / THE PREPARATION. PENETRATION TIME OF GLOVE MATERIAL: THE EXACT BREAK THROUGH TIME HAS TO BE FOUND OUT BY THE MANUFACTURER O THE PROTECTIVE GLOVES AND HAS TO BE OBSERVED. DO NOT INHALE GASES / FUMES / AEROSOLS. CERTIFIED RESPIRATORY PROTECTIVE DEVICE RECOMMENDED. GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS. 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. AVOID CONTACT WITH SKIN AND EYES. USE	
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PERSONAL PROTECTION 8.1 CONTROL PARAMETERS 8.2 EXPOSURE CONTROLS FYE PROTECTION HAND PROTECTION RESPIRATORY EQUIPMENT HYGIENE MEASURES ENGINEERING MEASURES SKIN PROTECTION	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. AVOID CONTACT WITH EYES. WEAR APPROVED SAFETY GOGGLES. (EN166) AVOID CONTACT WITH SKIN. WASH HANDS BEFORE BREAKS AND AT END OF WORK. WEAR PROTECTIVE GLOVES. DIN/EN 374. THE GLOVE MATERIAL HAS TO BE IMPERMEABLE AND RESISTANT TO THE PRODUCT / THE SUBSTANCE / THE PREPARATION. PENETRATION TIME OF GLOVE MATERIAL: THE EXACT BREAK THROUGH TIME HAS TO BE FOUND OUT BY THE MANUFACTURER O THE PROTECTIVE GLOVES AND HAS TO BE OBSERVED. DO NOT INHALE GASES / FUMES / AEROSOLS. CERTIFIED RESPIRATORY PROTECTIVE DEVICE RECOMMENDED. GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS. 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. AVOID CONTACT WITH SKIN AND EYES. USE	





### SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

9.1 Physical & Chemical Properties	
Appearance	Liquid
COLOUR	COLOURLESS TO YELLOW.
Odour	CHARACTERISTIC
Relative Density @ 20°C	Approx. 0.878 @ 20°C
FLASH POINT (°C)	35 °C.
<b>Refractive Index @ 20</b> °C	Approx. 1.460 @ 20°C
Solubility in water @ 20 °C	INSOLUBLE IN WATER.
9.2 Other Information	VAPOUR PRESSURE: BETWEEN 175 KPA AND 300 KPA INCLUSIVE.

#### SECTION 10: STABILITY & REACTIVITY

10.1 Reactivity	NOT APPLICABLE.
10.2 Chemical stability	Stable under suggested storage conditions (<15°C).
10.3 Possibility of hazardous reactions	NONE UNDER NORMAL PROCESSING.
10.4 Conditions to avoid	Storage at high temperatures. Do not store above $15^{\circ}$ C. Avoid heat, flames and other sources of ignition.
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	
Αсυτε Τοχιςιτγ	HARMFUL IF SWALLOWED. (CALCULATION METHOD)
SKIN IRRITATION	CAUSES SKIN IRRITATION.
EYE DAMAGE OR IRRITATION	NOT CLASSIFIED.
RESPIRATORY OR SKIN SENSITIVITY	MAY CAUSE AN ALLERGIC SKIN REACTION.
GERM CELL MUTAGENICITY	NOT CLASSIFIED.
CARCINOGENICITY	NOT CLASSIFIED.
<b>R</b> EPRODUCTIVE 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 DATA.

#### **SECTION 12: ECOLOGICAL INFORMATION**

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Bomar regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from Bomar.

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12.1	VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
Τοχιςιτγ	THE PRODUCT MUST NOT BE ALLOWED TO RUN INTO DRAINS OR WATERWAYS.
12.2	
PERSISTENCE & DEGRADABILITY	NO DATA.
12.3	
BIO- ACCUMULATIVE POTENTIAL	ΝΟ ΔΑΤΑ
12.4	
MOBILITY IN SOIL	PREVENT CONTAMINATION OF SOIL, GROUND AND SURFACE WATER.
12.5	
RESULTS OF PBT & VPVB ASSESSMENT	NO DATA.
12.6	
OTHER ADVERSE EFFECTS	NO DATA.

## SECTION 13: DISPOSAL INFORMATION

	DO NOT ALLOW ENTRY INTO DRAINS OR WATERWAYS.
13.1 Waste treatment methods	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	
	ROAD: UN 1169
UN NUMBER	SEA: UN 1169
	AIR: UN 1169
14.2 UN Shipping Name	Extracts, Aromatic, Liquid
	ADR/RID ADR/RID- Class 3 ADR Classification Code – F1 Special provisions – 601 604E Limited Quantifies – 5L Expected Quantifies – E1 Emergency Action Code – 3Y Tunnel Restriction Code – D/E
14.3 TRANSPORT HAZARD CLASS(ES)	IMDG IMDG – Class 3 Special Provisions – 601 640E Limited Quantifies – 5L Expected Quantifies – 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

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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 / 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.	None.
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 <sup>TH</sup> 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	ASSESSMENT HAS NOT BEEN CARRIED OUT AS THIS IS A NON-HAZARDOUS MATERIAL ACCORDING TO 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.
	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 <sup>™</sup> April 2018	Data Launch
2021	Review