



## 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           | DILL SEED, ESSENTIAL OIL                                                                                                                                                                      |        |           |            |           |
| BIOLOGICAL DEFINITION  | ANETHUM GRAVEOLENS SEED OIL IS AN ESSENTIAL OIL OBTAINED FROM THE SEEDS OF THE DILL, ANETHUM GRAVEOLENS L., APIACEAE. IT CONTAINS CARVONE (50%), D-LIMONENE, PHELLANDRENE AND OTHER TERPENES. |        |           |            |           |
| INCI NAME              | ANETHUM GRAVEOLENS SEED                                                                                                                                                                       |        |           |            |           |
| SYNONYMS & TRADE NAMES | -                                                                                                                                                                                             |        |           |            |           |
| INTERNAL PRODUCT CODE  | K0170                                                                                                                                                                                         |        |           |            |           |
| CAS-No                 | 90028-03-8 /<br>8006-75-5                                                                                                                                                                     | EC No. | 289-790-8 | EINECS No. | 289-790-8 |

#### 1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

|                 |                                                                                                |  |  |  |  |
|-----------------|------------------------------------------------------------------------------------------------|--|--|--|--|
| COMPANY ADDRESS | O&3<br>Unit 2, Athelstan Business Park, Hanwell Lane, Hutton Conyers, Ripon, HG4 5BF, England. |  |  |  |  |
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#### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

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|--------------------|----------------------------------|--|--|--|--|
| EMERGENCY CONTACTS | MRS. ELEANOR WADE (07968 200167) |  |  |  |  |
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## SECTION 2: HAZARDS IDENTIFICATION

|                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|----------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 2.1<br>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)                                   |  | FLAMMABLE LIQUID, HAZARD CATEGORY 3. H226<br>ASPIRATION TOXICITY CATEGORY 1 - (H304)<br>SKIN CORROSION/IRRITATION CATEGORY 2 - (H315)<br>SKIN SENSITISATION CATEGORY 1 - (H317)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| 2.2<br>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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| HAZARDS STATEMENT                                              |  | H226: FLAMMABLE LIQUID AND VAPOUR.<br>H304: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.<br>H315: CAUSES SKIN IRRITATION.<br>H317: MAY CAUSE AN ALLERGIC SKIN REACTION.<br>H410: VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| SIGNAL WORD                                                    |  | DANGER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| PRECAUTIONARY STATEMENTS                                       |  | P210: KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. NO SMOKING.<br>P370+P378: IN CASE OF FIRE: USE WATER TO EXTINGUISH.<br>P301+P310: IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER/DOCTOR.<br>P331: DO NOT INDUCE VOMITING.<br>P280: WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.<br>P501: DISPOSE OF CONTENTS IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION.<br>P261: AVOID BREATHING DUST/FUME/GAS/MIST/VAPOURS/SPRAY.<br>P321: SPECIFIC TREATMENT (SEE MEDICAL ADVICE ON THIS LABEL).<br>P333+P313: IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.<br>P362+P364: TAKE OFF CONTAMINATED CLOTHING. AND WASH IT BEFORE REUSE.<br>P302+P352: IF ON SKIN: WASH WITH PLENTY OF WATER.<br>P273: AVOID RELEASE TO THE ENVIRONMENT.<br>P391: COLLECT SPILLAGE. |  |
| SUPPLEMENTARY PRECAUTIONARY STATEMENTS                         |  | P264: WASH HANDS AND EXPOSED SKIN THOROUGHLY AFTER HANDLING.<br>P332+P313: IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL. |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| 2.3<br>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

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| <b>3.1<br/>SUBSTANCES</b> | <p><b>45 - 55% CARVONE</b> CAS No: 2244-16-8 EC No: 218-827-2<br/>CLASSIFICATION (EC 1272/2008) SKIN SENS. 1 – H317</p> <p><b>&lt;43% LIMONENE</b> CAS-No: 5989-27-5 EC No: 227-813-5<br/>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</p> <p><b>&lt; 4% (Z)-DIHYDRO CARVONE</b> CAS No: 99-49-0 EC No: 202-759-5<br/>CLASSIFICATION (EC 1272/2008) SKIN SENS. 1 – H317</p> |
| <b>3.2<br/>MIXTURES</b>   | NOT APPLICABLE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## SECTION 4: FIRST AID MEASURES

|                                                                                            |                                                                                                                        |
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| <b>4.1<br/>DESCRIPTION OF FIRST AID MEASURES</b>                                           |                                                                                                                        |
| <b>GENERAL INFORMATION</b>                                                                 | ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.                                                                       |
| <b>INHALATION</b>                                                                          | GET MEDICAL ATTENTION IMMEDIATELY. REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND OBTAIN MEDICAL ATTENTION. |
| <b>INGESTION</b>                                                                           | GET MEDICAL ATTENTION IMMEDIATELY. IMMEDIATELY CALL THE DOCTOR. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL ATTENTION.   |
| <b>SKIN CONTACT</b>                                                                        | REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS.            |
| <b>EYE CONTACT</b>                                                                         | FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN IF SYMPTOMS PERSIST.                           |
| <b>4.2<br/>MOST IMPORTANT SYMPTOMS &amp; EFFECTS (ACUTE &amp; DELAYED)</b>                 | SYMPTOMS<br>CONTACT: MAY CAUSE AN ALLERGIC REACTION                                                                    |
| <b>4.3<br/>INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED</b> | TREAT SYMPTOMATICALLY.                                                                                                 |

## SECTION 5: FIRE FIGHTING MEASURES

|                                                                      |                                                                                                                                                          |
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| <b>5.1<br/>EXTINGUISHING MATERIAL</b>                                | FOAM, CO2, DRY CHEMICAL POWDER.                                                                                                                          |
| <b>5.2<br/>SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE</b> | BURNING PRODUCES IRRITATING, TOXIC AND OBNOXIOUS FUMES                                                                                                   |
| <b>5.3<br/>ADVICE FOR FIRE-FIGHTERS</b>                              | SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:<br>WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING. |

## SECTION 6: ACCIDENTAL RELEASE MEASURES

|                                                                       |                                                                                                                                                                                                                                                                                                          |
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| <b>6.1<br/>PERSONAL PRECAUTIONS</b>                                   | 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. AVOID INHALATION.                                               |
| <b>6.2<br/>ENVIRONMENTAL PRECAUTIONS</b>                              | DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.                                                                                                                                                                                      |
| <b>6.3<br/>METHODS &amp; MATERIAL FOR CONTAINMENT AND CLEANING UP</b> | 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). |

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| <b>6.4</b><br><b>REFERENCES TO OTHER SECTIONS</b>                                                                            | REFER & CONSIDER SECTION 12.                                                                                                                                                                                                                                                                                                                                               |
| <b>SECTION 7: HANDLING &amp; STORAGE</b>                                                                                     |                                                                                                                                                                                                                                                                                                                                                                            |
| <b>7.1</b><br><b>PRECAUTIONS FOR SAFE-HANDLING</b>                                                                           | 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.                 |
| <b>7.2</b><br><b>CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES</b>                                            | STORAGE CLASS: FLAMMABLE LIQUID STORAGE. STORE ONLY IN THE ORIGINAL RECEPTACLE. KEEP CONTAINER TIGHTLY SEALED. KEEP IN COOL, DRY, VENTILATED STORAGE AND CLOSED CONTAINERS. KEEP AWAY FROM HEAT.                                                                                                                                                                           |
| <b>7.3</b><br><b>SPECIFIC END USE(S)</b>                                                                                     | <i>RISK MANAGEMENT METHODS (RMM)</i><br>THE INFORMATION REQUIRED IS CONTAINED IN THIS MATERIAL SAFETY DATA                                                                                                                                                                                                                                                                 |
| <b>SECTION 8: EXPOSURE CONTROLS &amp; PERSONAL PROTECTION</b>                                                                |                                                                                                                                                                                                                                                                                                                                                                            |
| <b>8.1</b><br><b>CONTROL PARAMETERS</b>                                                                                      | NO DATA.                                                                                                                                                                                                                                                                                                                                                                   |
| <b>8.2</b><br><b>EXPOSURE CONTROLS</b><br> |                                                                                                                                                                                                                                                                                                                                                                            |
| <b>EYE PROTECTION</b>                                                                                                        | WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. AVOID CONTACT WITH EYES. WEAR APPROVED SAFETY GOGGLES. (EN166)                                                                                                                                                                                                                                                      |
| <b>HAND PROTECTION</b>                                                                                                       | 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 OF THE PROTECTIVE GLOVES AND HAS TO BE OBSERVED. |
| <b>RESPIRATORY EQUIPMENT</b>                                                                                                 | DO NOT INHALE GASES / FUMES / AEROSOLS. CERTIFIED RESPIRATORY PROTECTIVE DEVICE RECOMMENDED.                                                                                                                                                                                                                                                                               |
| <b>HYGIENE MEASURES</b>                                                                                                      | GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.                                                                                                                                                                                                                                                                       |
| <b>ENGINEERING MEASURES</b>                                                                                                  | NONE.                                                                                                                                                                                                                                                                                                                                                                      |
| <b>SKIN PROTECTION</b>                                                                                                       | WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT.                                                                                                                                                                                                                                                                                                       |
| <b>PERSONAL PROTECTION</b>                                                                                                   | AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES. AVOID CONTACT WITH SKIN AND EYES. USE PERSONAL PROTECTION ACCORDING TO DIRECTIVE 89/686/EEC.                                                                                                                                                                                                            |
| <b>OTHER PROTECTION</b>                                                                                                      | WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS.                                                                                                                                                                                                                                                                                       |
| <b>PROCESS CONDITIONS</b>                                                                                                    | ENSURE AREA IS WELL VENTILATED. AVOID VAPOUR INHALATION. SAFETY SHOWER & EYE BATH.                                                                                                                                                                                                                                                                                         |
| <b>ENVIROMENTAL EXPOSURE CONTROLS</b>                                                                                        | AVOID DISCHARGING INTO DRAINAGE WATER.                                                                                                                                                                                                                                                                                                                                     |
| <b>SECTION 9: PHYSICAL &amp; CHEMICAL PROPERTIES</b>                                                                         |                                                                                                                                                                                                                                                                                                                                                                            |
| <b>9.1</b><br><b>PHYSICAL &amp; CHEMICAL PROPERTIES</b>                                                                      |                                                                                                                                                                                                                                                                                                                                                                            |
| <b>APPEARANCE</b>                                                                                                            | CLEAR LIQUID                                                                                                                                                                                                                                                                                                                                                               |
| <b>COLOUR</b>                                                                                                                | PALE YELLOW                                                                                                                                                                                                                                                                                                                                                                |
| <b>ODOUR</b>                                                                                                                 | CHARACTERISTIC                                                                                                                                                                                                                                                                                                                                                             |
| <b>RELATIVE DENSITY @ 20°C</b>                                                                                               | 0.900                                                                                                                                                                                                                                                                                                                                                                      |

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| <b>FLASH POINT (°C)</b>                            | 48 °C.                                                                                                                                                                                           |
| <b>REFRACTIVE INDEX @ 20 °C</b>                    | 1.485                                                                                                                                                                                            |
| <b>SOLUBILITY IN WATER @ 20 °C</b>                 | NO DATA.                                                                                                                                                                                         |
| <b>9.2<br/>OTHER INFORMATION</b>                   | NO DATA.                                                                                                                                                                                         |
| <b>SECTION 10: STABILITY &amp; REACTIVITY</b>      |                                                                                                                                                                                                  |
| <b>10.1<br/>REACTIVITY</b>                         | NOT APPLICABLE.                                                                                                                                                                                  |
| <b>10.2<br/>CHEMICAL STABILITY</b>                 | STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).<br>STABLE UNDER NORMAL CONDITIONS.<br>EXPLOSION DATA NONE.<br>SENSITIVITY TO MECHANICAL IMPACT NONE.<br>SENSITIVITY TO STATIC DISCHARGE NONE. |
| <b>10.3<br/>POSSIBILITY OF HAZARDOUS REACTIONS</b> | NONE UNDER NORMAL PROCESSING.                                                                                                                                                                    |
| <b>10.4<br/>CONDITIONS TO AVOID</b>                | STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C. AVOID HEAT, FLAMES AND OTHER SOURCES OF IGNITION.                                                                                         |
| <b>10.5<br/>INCOMPATIBLE MATERIALS</b>             | AVOID CONCENTRATED ACIDS, ALKALIS & OXIDISING AGENTS.                                                                                                                                            |
| <b>10.6<br/>HAZARDOUS DECOMPOSITION PRODUCTS</b>   | THIS PRODUCT DOES NOT DECOMPOSE UNDER NORMAL CONDITIONS. UNDER FIRE CONDITIONS THE PRODUCT WILL PRODUCE A MIXTURE OF IRRITATING FUMES & SMOKE & CARBON MONOXIDE.                                 |

|                                              |                                |
|----------------------------------------------|--------------------------------|
| <b>SECTION 11: TOXICOLOGICAL INFORMATION</b> |                                |
| <b>11.1<br/>TOXICOLOGICAL EFFECTS</b>        |                                |
| <b>ACUTE TOXICITY</b>                        | NO DATA.                       |
| <b>SKIN IRRITATION</b>                       | CAUSES SKIN IRRITATION.        |
| <b>EYE DAMAGE OR IRRITATION</b>              | NO DATA.                       |
| <b>RESPIRATORY OR SKIN SENSITIVITY</b>       | MAY CAUSE AN ALLERGIC REACTION |
| <b>GERM CELL MUTAGENICITY</b>                | NO DATA.                       |
| <b>CARCINOGENICITY</b>                       | NO DATA.                       |
| <b>REPRODUCTIVE TOXICITY</b>                 | NO DATA.                       |
| <b>STOT – SINGLE EXPOSURE</b>                | NO DATA.                       |
| <b>STOT – REPEATED EXPOSURE</b>              | NO DATA.                       |
| <b>ASPIRATION HAZARD</b>                     | MAYBE FATAL IF ENTERS AIRWAYS. |
| <b>OTHER INFORMATION</b>                     | NO DATA.                       |

|                                                      |                                                       |
|------------------------------------------------------|-------------------------------------------------------|
| <b>SECTION 12: ECOLOGICAL INFORMATION</b>            |                                                       |
| <b>12.1<br/>TOXICITY</b>                             | VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. |
| <b>12.2<br/>PERSISTENCE &amp; DEGRADABILITY</b>      | NO DATA.                                              |
| <b>12.3<br/>BIO- ACCUMULATIVE POTENTIAL</b>          | NO DATA                                               |
| <b>12.4<br/>MOBILITY IN SOIL</b>                     | NO DATA                                               |
| <b>12.5<br/>RESULTS OF PBT &amp; VPVB ASSESSMENT</b> | NO DATA.                                              |

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| <b>12.6</b><br><b>OTHER ADVERSE EFFECTS</b>   | NO DATA.                                                                                                                                                     |
| <b>SECTION 13: DISPOSAL INFORMATION</b>       |                                                                                                                                                              |
| <b>13.1</b><br><b>WASTE TREATMENT METHODS</b> | ALWAYS RECOVER SPILLED PRODUCT. DISCARD WASTE MATERIAL WITH AUTHORIZED WASTE MANAGEMENT SERVICES. ACT IN ACCORDANCE WITH LOCAL & NATIONAL WASTE REGULATIONS. |

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| <b>SECTION 14: TRANSPORT INFORMATION</b>                                                         |                                                                                                                                                                                                                                       |
| <b>14.1</b><br><b>TRANSPORT INFORMATION</b>                                                      |                                                                                                                                                                                                                                       |
|                                                                                                  | <b>UN NUMBER</b><br><b>ROAD:</b> UN 1169<br><b>SEA:</b> UN 1169<br><b>AIR:</b> UN 1169                                                                                                                                                |
| <b>14.2</b><br><b>UN SHIPPING NAME</b>                                                           | EXTRACT, AROMATIC, LIQUID                                                                                                                                                                                                             |
| <b>14.3</b><br><b>TRANSPORT HAZARD CLASS(ES)</b>                                                 | ADR/RID/ADN CLASS: 3 FLAMMABLE LIQUID.<br>IMDG CLASS: 3 FLAMMABLE LIQUID.<br>ICAO CLASS/DIVISION: 3 FLAMMABLE LIQUID.<br><br>TRANSPORT LABELS:<br> |
| <b>14.4</b><br><b>PACKING GROUP</b>                                                              | ADR/RID/ADN PACKING GROUP III<br>IMDG PACKING GROUP III<br>ICAO PACKING GROUP III                                                                                                                                                     |
| <b>14.5</b><br><b>ENVIROMENTAL HAZARDS</b>                                                       | ENVIRONMENTALLY HAZARDOUS / MARINE POLLUTANT.<br>                                                                                                  |
| <b>14.6</b><br><b>SPECIAL PRECAUTIONS FOR USER</b>                                               | NONE.                                                                                                                                                                                                                                 |
| <b>14.7</b><br><b>TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 &amp; THE IBC CODE.</b> | NONE.                                                                                                                                                                                                                                 |

|                                                                                             |  |
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| <b>SECTION 15: REGULATORY INFORMATION</b>                                                   |  |
| <b>15.1</b><br><b>PRODUCT SPECIFIC SAFETY, HEALTH &amp; ENVIRONMENTAL REGULATIONS &amp;</b> |  |

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| LEGISLATION                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| <b>EU DIRECTIVES</b>                       | 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). |
| <b>STATUTORY INSTRUMENTS</b>               | THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 No 716).                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>APPROVED CODE OF PRACTICE</b>           | CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.                                                                                                                                                                                                                                                                                                                                                                               |
| <b>GUIDANCE NOTES</b>                      | WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>15.2<br/>CHEMICAL SAFETY ASSESSMENT</b> | 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.<br>H304: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.<br>H315: CAUSES SKIN IRRITATION.<br>H317: MAY CAUSE AN ALLERGIC SKIN REACTION.<br>H400: VERY TOXIC TO AQUATIC LIFE.<br>H410: VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. |
| <b>TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.</b> |                                                                                                                                                                                                                                                                              |
| <b>ABBREVIATIONS &amp; ACRONYMS:</b>                                               |                                                                                                                                                                                                                                                                              |
| <b>MSDS</b>                                                                        | MATERIAL SAFETY DATA SHEET.                                                                                                                                                                                                                                                  |
| <b>INCI</b>                                                                        | INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS.                                                                                                                                                                                                                          |
| <b>CAS</b>                                                                         | CHEMICAL ABSTRACT SERVICE.                                                                                                                                                                                                                                                   |
| <b>IMDG</b>                                                                        | INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS.                                                                                                                                                                                                                             |
| <b>ADR</b>                                                                         | ACCORD EUROPEAN SUR LE TRANSPORT DES MARCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD).                                                                                                               |
| <b>RID</b>                                                                         | INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL.                                                                                                                                                                                                                           |
| <b>ICAO</b>                                                                        | INTERNATIONAL CIVIL AVIATION ORGANIZATION.                                                                                                                                                                                                                                   |
| <b>ADN</b>                                                                         | INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS.                                                                                                                                                                                                               |
| <b>GHS</b>                                                                         | GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS.                                                                                                                                                                                                       |
| <b>TREM CARD</b>                                                                   | TRANSPORT EMERGENCY CARD.                                                                                                                                                                                                                                                    |
| <b>STOT</b>                                                                        | SPECIFIC TARGET ORGAN TOXICITY.                                                                                                                                                                                                                                              |

| DOCUMENTATION REVISION      |                    |
|-----------------------------|--------------------|
| DATE                        | CHANGE DESCRIPTION |
| 10 <sup>TH</sup> APRIL 2018 | DATA LAUNCH        |
|                             |                    |

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