

YOUWISH

Zeep maken begint hier

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 | Essential oils - Rosemary - Etherische olie - Rozemarijn | | | | |
| BIOLOGICAL DEFINITION | ROSMARINUS OFFICINALIS LEAF OIL IS THE ESSENTIAL OIL OBTAINED FROM THE FLOWERING TOPS AND LEAVES OF THE ROSEMARY, ROSMARINUS OFFICINALIS L., LAMIACEAE. | | | | |
| INCI NAME | ROSMARINUS OFFICINALIS LEAF | | | | |
| SYNONYMS & TRADE NAMES | - | | | | |
| INTERNAL PRODUCT CODE | SQ0150396 - EO018 | | | | |
| CAS-No | 84604-14-8 / 8000-25-7 | EC No. | 283-291-9 | EINECS No. | 283-291-9 |
| 1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET | | | | | |
| COMPANY ADDRESS | YouWish Vergulden Wagen 13, 1111TD Diemen, The Netherlands www.youwish.nl | | | | |

SECTION 2: HAZARDS IDENTIFICATION

2.1

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.

CLASSIFICATION (67/548/EEC)

THE FULL TEXT FOR ALL R-PHRASES AND HAZARD STATEMENTS ARE DISPLAYED IN SECTION 16.

CLASSIFICATION (EU1272/2008)

PHYSICAL AND CHEMICAL HAZARDS: FLAMMABLE LIQUID, CATEGORY 3 (FLAM. LIQ. 3, H226).
 HUMAN HEALTH: ASPIRATION HAZARD, CATEGORY 1 (ASP. TOX. 1 – H304).
 SKIN IRRITATION, CATEGORY 2 (SKIN IRRIT. 2, H315).
 SKIN SENSITISATION, CATEGORY 1 (SKIN SENS. 1, H317).
 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE), CATEGORY 2 (STOT SE 2, H371).
 ENVIRONMENT:
 HAZARDOUS TO THE AQUATIC ENVIRONMENT - CHRONIC HAZARD CATEGORY 1 (AQUATIC CHRONIC 1, H410).

2.2

LABEL ELEMENTS

LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.

GHS LABEL



SIGNAL WORD

DANGER.

CONTAINS

EC 207-431-5 EUCALYPTOL
 EC 201-291-9 ALPHA-PINENE
 EC 200-945-0 CAMPHOR
 EC 204-872-5 B-PINENE
 EC 227-815-6 L-LIMONENE
 EC 205-341-0 DL-LIMONENE (RACEMIC)
 EC 201-746-1 BETA-CARYOPHYLLENE
 EC 202-794-6 G-TERPINENE
 EC 202-796-7 PARA-CYMENE
 EC 227-813-5 D-LIMONENE
 EC 236-719-3 DELTA-3-CARENE
 EC 209-578-0 TERPINOLENE

HAZARDS STATEMENT

H226 FLAMMABLE LIQUID AND VAPOUR.
 H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
 H315 CAUSES SKIN IRRITATION.
 H317 MAY CAUSE AN ALLERGIC SKIN REACTION.
 H371 MAY CAUSE DAMAGE TO ORGANS (IF SWALLOWED).
 H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

PRECAUTIONARY STATEMENTS

P501 DISPOSE OF CONTENTS IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION.
 P261 AVOID BREATHING DUST/FUME/GAS/MIST/VAPOURS/SPRAY.
 P321 SPECIFIC TREATMENT (SEE MEDICAL ADVICE ON THIS LABEL).
 P333+P313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.
 P362+P364 TAKE OFF CONTAMINATED CLOTHING. AND WASH IT BEFORE REUSE.
 P302+P352 IF ON SKIN: WASH WITH PLENTY OF WATER.
 P308+P311 IF EXPOSED OR CONCERNED: CALL A POISON CENTER/DOCTOR.
 P273 AVOID RELEASE TO THE ENVIRONMENT.
 P391 COLLECT SPILLAGE.

SUPPLEMENTARY PRECAUTIONARY STATEMENTS

P264 WASH HANDS AND EXPOSED SKIN THOROUGHLY AFTER HANDLING.
 P332+P313 IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION

SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.

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| 2.3 OTHER HAZARDS | |
| ADVERSE PHYSIO-CHEMICAL PROPERTIES | NO DATA |
| ADVERSE EFFECTS ON HUMAN HEALTH | MAY BE HARMFUL IN CONTACT WITH SKIN. |
| PBT OR VPVB ACCORDING TO ANNEX XIII | THE SUBSTANCE DOES NOT SATISFY THE PBT OR VPVP CRITERIA IN ACCORDANCE WITH ANNEXE XIII OF THE REACH REGULATIONS EC 1907/2006. |

SECTION 3: COMPOSITION OF INGREDIENTS

| | | | |
|----------------------|------------------------------------|-------------------------------|--|
| 3.2 SUBSTANCE | 25 - 50% 1,8-CINEOLE | CAS: 470-82-6 | EC: 207-431-5 |
| | Classification (EC 1272/2008) | GHS02, GHS07 | Wng Flam. Liq. 3, H226, Skin Sens. 1B, H317 |
| | 10 - 25% Alpha-Pinene | CAS: 80-56-8 | EC: 201-291-9 |
| | Classification (EC 1272/2008) | GHS08, GHS02, GHS07, GHS09 | Dgr Asp. Tox. 1, H304, Flam. Liq. 3, H226, Skin Irrit. 2, H315 Skin Sens. 1B, H317, Aquatic Acute 1, H400, M Acute = 1 Aquatic Chronic 1, H410, M Chronic = 1 |
| | 9 - 15% CAMPHOR | CAS: 76-22-2 | EC: 200-945-0 |
| | Classification (EC 1272/2008) | GHS08, GHS02, GHS07 | Wng Acute Tox. 4, H332, Acute Tox. 4, H302, Flam. Sol. 2, H228 STOT SE 2, H371 |
| | 2.5 - 10% Beta Pinene | CAS: 127-91-3 | EC: 204-872-5 |
| | Classification (EC 1272/2008) | GHS08, GHS02, GHS07, GHS09 | Dgr Flam. Liq. 3, H226, Asp. Tox. 1, H304, Skin Irrit. 2, H315 Skin Sens. 1B, H317, Aquatic Acute 1, H400, M Acute = 1 Aquatic Chronic 1, H410, M Chronic = 1 |
| | 2.5 - 5% CAMPHENE | CAS: 79-92-5 | EC: 201-234-8 |
| | Classification (EC 1272/2008) | GHS02, GHS07, GHS09 | Wng Eye Irrit. 2, H319, Flam. Sol. 2, H228, Aquatic Acute 1, H400 M Acute = 1, Aquatic Chronic 1, H410, M Chronic = 1 |
| | 2.5 - 10% Limonene | CAS: 5989-27-5, EC: 227-813-5 | |
| | Classification (EC 1272/2008) | GHS08, GHS02, GHS07, GHS09 | Dgr Asp. Tox. 1, H304, Flam. Liq. 3, H226, Skin Irrit. 2, H315 Skin Sens. 1B, H317, Aquatic Acute 1, H400, M Acute = 1 Aquatic Chronic 1, H410, M Chronic = 1 |
| | <3.0% BETA-CARYOPHYLLENE | CAS: 87-44-5 | EC: 201-746-1 |
| | Classification (EC 1272/2008) | GHS08 | Danger, Asp. Tox. 1, H304 |
| | <2.5% G-TERPINENE | CAS: 99-85-4 | EC: 202-794-6 |
| | Classification (EC 1272/2008) | GHS08, GHS02, GHS07 | Danger, Flam. Liq. 3, H226, Asp. Tox. 1, H304 |
| | <2.5% PARA-CYMENE | CAS: 99-87-6 | EC: 202-796-7 |
| | Classification (EC 1272/2008) | GHS08, GHS02, GHS09 | Dgr Asp. Tox. 1, H304, Flam. Liq. 3, H226, Aquatic Chronic 2, H411 |

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|--|--------------------------------|---------------------|---|
| | Classification (EC 1272/2008) | GHS07 | Wng Eye Irrit. 2, H319, Skin Irrit. 2, H315 |
| | <2.5% Delta 3 Carene | | CAS: 13466-78-9 EC: 236-719-3 |
| | Classification (EC 1272/2008) | GHS08, GHS02, GHS07 | Dgr Asp. Tox. 1, H304, Flam. Liq. 3, H226, Skin Irrit. 2, H315 Skin Sens. 1B, H317 |
| | <2.5% Terpinolene | | CAS: 586-62-9 EC: 209-578-0 |
| | Classification (EC 1272/2008) | GHS08, GHS07, GHS09 | Dgr Asp. Tox. 1, H304, Skin Sens. 1B, H317, Aquatic Acute 1, H400 M Acute = 1, Aquatic Chronic 1, H410, M Chronic = 1 |

SECTION 4: FIRST AID MEASURES

| | | | | | | | | | |
|---|---|------------|---|-----------|---|--------------|-----------------------------|-------------|---------------------------|
| 4.1 DESCRIPTION OF FIRST AID MEASURES | | | | | | | | | |
| GENERAL INFORMATION | ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY. | | | | | | | | |
| INHALATION | GET MEDICAL ATTENTION IMMEDIATELY. REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND OBTAIN MEDICAL ATTENTION. | | | | | | | | |
| INGESTION | GET MEDICAL ATTENTION IMMEDIATELY. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL 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) | <table border="0"> <tr> <td>INHALATION</td> <td>MAY CAUSE COUGHING AND DIFFICULTIES IN BREATHING.</td> </tr> <tr> <td>INGESTION</td> <td>IRRITATING TO THE RESPIRATORY TRACT AND MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM.</td> </tr> <tr> <td>SKIN CONTACT</td> <td>TOXIC IN CONTACT WITH SKIN.</td> </tr> <tr> <td>EYE CONTACT</td> <td>MAY CAUSE EYE IRRITATION.</td> </tr> </table> | INHALATION | MAY CAUSE COUGHING AND DIFFICULTIES IN BREATHING. | INGESTION | IRRITATING TO THE RESPIRATORY TRACT AND MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM. | SKIN CONTACT | TOXIC IN CONTACT WITH SKIN. | EYE CONTACT | MAY CAUSE EYE IRRITATION. |
| INHALATION | MAY CAUSE COUGHING AND DIFFICULTIES IN BREATHING. | | | | | | | | |
| INGESTION | IRRITATING TO THE RESPIRATORY TRACT AND MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM. | | | | | | | | |
| SKIN CONTACT | TOXIC IN CONTACT WITH SKIN. | | | | | | | | |
| EYE CONTACT | MAY CAUSE EYE IRRITATION. | | | | | | | | |
| 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED | NONE EXPECTED, SEE SECTION 4.1 FOR FURTHER INFORMATION. | | | | | | | | |

SECTION 5: FIRE FIGHTING MEASURES

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

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|------------------------------------|--|
| 6.1 PERSONAL PRECAUTIONS | ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR |
|------------------------------------|--|

| | |
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| | SPILLAGE. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. |
| 6.2 ENVIRONMENTAL PRECAUTIONS | DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES. |
| 6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP | REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN SPILLAGE IMMEDIATELY BY USE OF SAND OR INERT POWDER. DISPOSE OF ACCORDING TO LOCAL REGULATIONS. |
| 6.4 REFERENCES TO OTHER SECTIONS | REFER & CONSIDER SECTION 8. REFER & CONSIDER SECTION 13. |

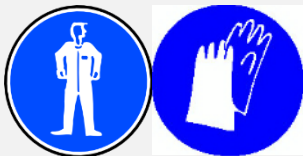
SECTION 7: HANDLING & STORAGE

| | |
|--|--|
| 7.1 PRECAUTIONS FOR SAFE-HANDLING | HANDLE IN ACCORDANCE WITH GOOD HYGIENE AND SAFETY PRACTICE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES. - NO SMOKING. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. USE IN ACCORDANCE WITH GOOD MANUFACTURING AND INDUSTRIAL HYGIENE PRACTICES. USE IN AREAS WITH ADEQUATE VENTILATION DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. |
| 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES | KEEP THE PRODUCT CONTAINER TIGHTLY CLOSED, IN A DRY, VENTILATED AREA. KEEP AWAY FROM POTENTIAL SOURCES OF IGNITION AND PROTECTED FROM LIGHT. MAINTAIN LIMITED CONTACT WITH OXYGEN. |
| 7.3 SPECIFIC END USE(S) | NO DATA. |

SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

| | | | | | | | |
|----------------------------------|--|-----------|-------------|-----------|--------------|------------|----------|
| 8.1 CONTROL PARAMETERS | - ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) : | | | | | | |
| | CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : | |
| | 76-22-2 | 2ppm | 3 ppm | - | - | - | |
| | - France (INRS - ED984 :2008) : | | | | | | |
| | CAS | VME-ppm : | VME-mg/m3 : | VLE-ppm : | VLE-mg/m3 : | Notes : | TMP No : |
| | 76-22-2 | 2 | 12 | - | - | - | - |
| | - UK / WEL (Workplace exposure limits, EH40/2005, 2007) : | | | | | | |
| | CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : | |
| | 76-22-2 | 2 ppm | 3 ppm | - | - | - | |

8.2 EXPOSURE CONTROLS



EYE PROTECTION

HAND PROTECTION

WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.

WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.

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|---------------------------------------|--|
| RESPIRATORY EQUIPMENT | NO DATA |
| HYGIENE MEASURES | GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS. |
| ENGINEERING MEASURES | NONE. |
| SKIN PROTECTION | WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT. |
| PERSONAL PROTECTION | AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES. |
| OTHER PROTECTION | WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS. |
| PROCESS CONDITIONS | ENSURE AREA IS WELL VENTILATED. AVOID VAPOUR INHALATION. SAFETY SHOWER & EYE BATH. |
| ENVIROMENTAL EXPOSURE CONTROLS | AVOID DISCHARGING INTO DRAINAGE WATER. |

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

9.1 PHYSICAL & CHEMICAL PROPERTIES

| | |
|------------------------------------|--------------------------|
| APPEARANCE | CLEAR |
| COLOUR | COLOURLESS – PALE YELLOW |
| ODOUR | CHARACTERISTIC, CINEOL. |
| RELATIVE DENSITY | APPROX 0.910 @ 20°C |
| FLASH POINT (°C) | 43°C |
| REFRACTIVE INDEX @ 20 °C | 1.467 @ 20°C |
| SOLUBILITY IN WATER @ 20 °C | INSOLUBLE IN WATER |

9.2 OTHER INFORMATION

NO DATA

SECTION 10: STABILITY & REACTIVITY

10.1 REACTIVITY

NO HAZARDOUS REACTIONS IF STORED AND HANDLED AS PRESCRIBED / INDICATED.

10.2 CHEMICAL STABILITY

STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

NO.

10.4 CONDITIONS TO AVOID

STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C.

10.5 INCOMPATIBLE MATERIALS

STRONG OXIDISING SUBSTANCES.

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

| | |
|--|---|
| ACUTE TOXICITY | NO TOXICOLOGICAL DATA AVAILABLE. |
| SKIN IRRITATION | CAUSES SKIN IRRITATION |
| EYE DAMAGE OR IRRITATION | NO DATA |
| RESPIRATORY OR SKIN SENSITIVITY | NO DATA |
| GERM CELL MUTAGENICITY | NO DATA |
| CARCINOGENICITY | MONOGRAPH(S) FROM THE IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER): CAS 5989-27-5 : IARC GROUP 3 : THE AGENT IS NOT CLASSIFIABLE AS TO ITS CARCINOGENICITY TO HUMANS. |
| REPRODUCTIVE TOXICITY | NOT APPLICABLE. |
| STOT – SINGLE EXPOSURE | NO DATA |
| STOT – REPEATED EXPOSURE | NOT APPLICABLE. |
| ASPIRATION HAZARD | MAYBE FATAL IF ENTERS AIRWAYS. |
| OTHER INFORMATION | NO DATA. |



SECTION 12: ECOLOGICAL INFORMATION

| 12.1 TOXICITY | <p>23 % OF THE MIXTURE CONSISTS OF COMPONENTS(S) OF UNKNOWN HAZARDS TO THE AQUATIC ENVIRONMENT</p> <table border="0"> <thead> <tr> <th>CHEMICAL NAME</th> <th>ALGAE/AQUATIC PLANTS</th> <th>FISH</th> </tr> </thead> <tbody> <tr> <td>CRUSTACEA</td> <td></td> <td></td> </tr> <tr> <td>D-LIMONENE</td> <td>-</td> <td>0.619 - 0.796: 96 H PIMEPHALES</td> </tr> <tr> <td>-</td> <td></td> <td>PROMELAS MG/L LC50 FLOW-THROUGH 35: 96 H ONCORHYNCHUS MYKISS MG/L</td> </tr> </tbody> </table> | CHEMICAL NAME | ALGAE/AQUATIC PLANTS | FISH | CRUSTACEA | | | D-LIMONENE | - | 0.619 - 0.796: 96 H PIMEPHALES | - | | PROMELAS MG/L LC50 FLOW-THROUGH 35: 96 H ONCORHYNCHUS MYKISS MG/L |
|--|---|--|----------------------|------|-----------|--|--|------------|---|--------------------------------|---|--|--|
| CHEMICAL NAME | ALGAE/AQUATIC PLANTS | FISH | | | | | | | | | | | |
| CRUSTACEA | | | | | | | | | | | | | |
| D-LIMONENE | - | 0.619 - 0.796: 96 H PIMEPHALES | | | | | | | | | | | |
| - | | PROMELAS MG/L LC50 FLOW-THROUGH 35: 96 H ONCORHYNCHUS MYKISS MG/L | | | | | | | | | | | |
| 12.2 PERSISTENCE & DEGRADABILITY | NO DATA | | | | | | | | | | | | |
| 12.3 BIO- ACCUMULATIVE POTENTIAL | NO DATA | | | | | | | | | | | | |
| 12.4 MOBILITY IN SOIL | NO DATA. | | | | | | | | | | | | |
| 12.5 RESULTS OF PBT & VPVB ASSESSMENT | NO DATA. | | | | | | | | | | | | |
| 12.6 OTHER ADVERSE EFFECTS | DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS. | | | | | | | | | | | | |

SECTION 13: DISPOSAL INFORMATION

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| 13.1 WASTE TREATMENT METHODS | ALWAYS RECOVER SPILLED PRODUCT. DISCARD WASTE MATERIAL WITH AUTHORIZED WASTE MANAGEMENT SERVICES. ACT IN ACCORDANCE WITH LOCAL & NATIONAL WASTE REGULATIONS. |
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SECTION 14: TRANSPORT INFORMATION

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|--|--|
| 14.1 TRANSPORT INFORMATION | |
| UN NUMBER | ROAD: 1169 RAIL: 1169 AIR: 1169 |
| 14.2 UN SHIPPING NAME | Extracts, Aromatic, Liquid |
| 14.3 TRANSPORT HAZARD CLASS(ES) | ADR/RID/ADN CLASS 3 IMDG CLASS 3 ICAO CLASS/DIVISION 3  |
| 14.4 PACKING GROUP | ADR/RID/ADN PACKING GROUP III IMDG PACKING GROUP III ICAO PACKING GROUP III |
| 14.5 ENVIROMENTAL HAZARDS | ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT.  |
| 14.6 SPECIAL PRECAUTIONS FOR USER | EMS F-E,S-D EMERGENCY ACTION CODE F1 HAZARD No. (ADR) 90 ENVIRONMENTALLY HAZARDOUS SUBSTANCE. TUNNEL RESTRICTION CODE (D/E) |
| 14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE. | EMS: F-A,S-F |
| SECTION 15: REGULATORY INFORMATION | |
| 15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION | |
| EU DIRECTIVES | REGULATION (EC) NO 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 TH DECEMBER 2006. CONCERNING THE REGISTRATION, EVALUATION, AUTHORIZATION & RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICALS AGENCY, AMENDING DIRECTIVE 1999/45/EC AND REPEALING COUNCIL REGULATION (EEC) No793/93 & COMMISSION REGULATION (EC) No1488/94 AS WELL AS COUNCIL DIRECTIVE 76/769/EEC & COMMISSION DIRECTIVE 91/155/ECC, |

| | |
|--|---|
| | 93/67/ECC, 93/105/EEC & 2000/21/EC (INCLUDING AMENDMENTS). |
| STATUTORY INSTRUMENTS | THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 No 716). |
| APPROVED CODE OF PRACTICE | CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS. |
| GUIDANCE NOTES | WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108. |
| 15.2 CHEMICAL SAFETY ASSESSMENT | - |

| SECTION 16: OTHER INFORMATION | |
|--|--|
| HAZARD AND/ OR PRECAUTIONARY STATEMENTS IN FULL | H226 FLAMMABLE LIQUID AND VAPOUR. H228 FLAMMABLE SOLID. 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. H371 MAY CAUSE DAMAGE TO ORGANS. H400 VERY TOXIC TO AQUATIC LIFE. H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. |
| TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT. | |
| ABBREVIATIONS & ACRONYMS: | |
| MSDS | MATERIAL SAFETY DATA SHEET. |
| INCI | INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS. |
| CAS | CHEMICAL ABSTRACT SERVICE. |
| IMDG | INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS. |
| ADR | ACCORD EUROPEAN SUR LE TRANSPORT DES MARCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD). |
| RID | INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL. |
| ICAO | INTERNATIONAL CIVIL AVIATION ORGANIZATION. |
| ADN | INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS. |
| GHS | GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS. |
| TREM CARD | TRANSPORT EMERGENCY CARD. |
| STOT | SPECIFIC TARGET ORGAN TOXICITY. |

| DOCUMENTATION REVISION | |
|-------------------------------|---------------------------|
| DATE | CHANGE DESCRIPTION |
| 10 TH APRIL 2018 | DATA LAUNCH |