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|--|------------------------------------|--------------------------|---|
| SAFETY DATA SHEET | | PR/EOHD/OHS/F-310 |  |
| PRODUCT NAME : THERMO PLASTIC OLEFIN Series-1 | | | بترو رابغ Petro Rabigh |
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

| | |
|-----------------------------------|--|
| 1.1 Product Identifier | |
| Product Name: | Thermo Plastic Olefin Series-1 |
| Other/Generic Names: | TPO, Thermoplastic Polyolefin |
| Grades; | 820, 8710, 903, 903HE, WT485, WT505, AD50270, EA75206, EA79212, MD59250, MD60260, SA629200 |
| REACH Registration Number: | Not applicable |
| EC Number: | Not available |
| CAS Number: | Not available |
| Molecular formula: | Not available |
| Molecular Structure: | Not available |
| Molecular weight range: | Not available |

1.2 Relevant identified uses of the substance or mixture and uses advised against

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| IDENTIFIED USES: Resins |
| MOST COMMON TECHNICAL FUNCTION OF SUBSTANCE (WHAT IT DOES): Pharmaceutical ingredient, pharmaceutical intermediate food processing material |
| USES BY CONSUMERS ADVISED AGAINST Final product. |

1.3 Details of the supplier of the safety data sheet

| | | | |
|--|--|---|--|
| Supplier | Rabigh Refining and Petrochemical Company | | |
| Address | PLANT PO Box 101, Rabigh 21911, Kingdom of Saudi Arabia Tel: +966 12 425 0390 Free Number: 800 440 9000 | | |
| E-mail address of person responsible for this SDS | stephane.dallaire@petrorabigh.com hisham.bafaraj@petrorabigh.com | | |
| Emergency telephone numbers (24-hour) | Asia Pacific (except China): | CareChem 24 +65 3158 1074 | English, Cantonese, Indonesian, Japanese, Korean, Malay, Mandarin, Thai, Vietnamese |
| | China (Off-land): | CareChem 24 +86 512 8090 3042 | English, Mandarin |
| | US, Canada: Outside above area: | ChemTrec 1-800-424-9300 +703-527-3887 | English |
| | Europe, America, Middle East, Africa (Europe & English Speaking): | CareChem 24 +44 (0) 1235 239 670 | English, Albanian, Bulgarian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Lithuanian, Norwegian, Polish, Portuguese, Romanian, Russian, Serb-Croat, Slovak, Spanish, Swedish, Turkish, Ukrainian |
| | Middle East & Africa (Arabic speaking): | CareChem 24 +44 (0) 1235 239 671 | English, Arabic, French |

SECTION 2: Hazards Identification

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| 2.1 Classification of the substance or mixture | |
| Product Definition: | TPO Series |
| Classification according to Directive 67/548/EEC [DSD]: | Not classified. Under normal conditions of use, the material is not expected to create unusual emergency hazards. |

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| 2.2 Label elements | |
| Hazard pictograms (Labelling according Regulation (EC) No 1272/2008): | Not Applicable |
| Signal word: | Not Applicable |
| Hazard statements: | Not Applicable |
| <u>Precautionary statements</u> | Prevention: Not Applicable Response: Not Applicable Storage: Not Applicable Disposal: Not Applicable |
| <u>Special packaging requirements</u> | |
| Containers to be fitted with child-resistant fastenings: | Not applicable |
| Tactile warning of danger: | Not applicable |
| 2.3 Other hazards | |
| Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII: | Not applicable |
| Substance meets the criteria for vpvB according to Regulation (EC) No. 1907/2006, Annex XIII: | Not applicable |
| Other hazards which do not result in classification: | This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. |

SECTION 3: Composition/information on ingredients

| 3.1 Classification of the substance or mixture | | | | | |
|---|---------------|----------|---|---|------|
| Substance/mixture | | | | | |
| Product / Ingredient name | Identifiers | Wt% | Classification | | |
| | | | Directive 1999/45/EC | Regulation (EC) No. 1272/2008 [CLP/GHS] | Type |
| α-Olefin resin | CAS: Mixed | 0 - 100% | This substance is not classified as dangerous | Not a hazardous substance or mixture | [A] |
| Ethylene Propylene Rubber | Not available | 0 - 80% | This substance is not classified as dangerous | Not a hazardous substance or mixture | [A] |
| Mineral oil | Not available | 0 - 50% | Classification not possible | H319: Causes serious eye irritation | [A] |
| Filler | Not available | 0 - 30% | Classification not possible | Classification not possible | [B] |
| Additives | Not available | ≤ 5% | Classification not possible | Classification not possible | [B] |

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

Type

[A] Constituent; [B] Stabilizing additive; Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

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| 4.1 Description of first aid measures | |
| Inhalation | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Administer oxygen if breathing is difficult. Apply artificial respiration if victim is not breathing. Rinse nose, mouth and throat with water. Keep victim warm with a blanket etc. Get immediate medical advice/attention. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. |
| Skin contact | Remove/take off immediately contaminated clothing and shoes. Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Burns (in contact with molten product or heated product): Immediately immerse in large amount of cold water, or flush with large amounts of water the affected area to dissipate heat. While flushing, remove clothes which do not adhere to affected area. Cover with clean cotton sheeting or gauze. Get immediate medical advice/attention. |

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|-----------------------------------|---|
| Eye contact | Do not rub eye. Hold eyelids apart. Begin to rinse with water as soon as possible and rinse cautiously for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention. Burns (in contact with molten product or heated product) : Immediately immerse in large amount of cold water, or flush with large amounts of water the affected area to dissipate heat. |
| Ingestion | Rinse mouth. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Keep victim warm with a blanket etc. Get immediate medical advice/attention. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Administer oxygen if breathing is difficult. Apply artificial respiration if victim is not breathing. |
| Protection of first-aiders | Use personal protective equipment as required. |

4.2 Most important symptoms and effects, both acute and delayed

Potential acute and delayed health effects

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|---------------------|--|
| Inhalation | Not a probable route of exposure under normal conditions of use. Elevated processing temperatures may generate fumes and vapors which may cause irritation to the nose and throat. |
| Skin contact | May cause mechanical irritation if the product comes into contact with the skin. Contact with molten material may cause thermal burns. |
| Eye contact | May cause mechanical irritation if product comes into contact with the eyes. |
| Ingestion | Not a probable route of exposure. No applicable information found. |

Over-exposure signs/symptoms

| | |
|---------------------|----------------------------|
| Eye contact | No specific data available |
| Inhalation | No specific data available |
| Skin contact | No specific data available |
| Ingestion | No specific data available |

4.3 Indication of any immediate medical attention and special treatment needed

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|----------------------------|--|
| Notes to physician | No specific advice, treat symptomatically. |
| Specific treatments | No specific information |

SECTION 5: Firefighting measures

5.1 Extinguishing media

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|---|--|
| Suitable extinguishing media | Small fires: Dry chemical powder, carbon dioxide, water spray, regular foam. Use fire-extinguishing media appropriate for surrounding materials. Large fires: Water spray, fog, regular foam. Use fire-extinguishing media appropriate for surrounding materials. |
| Unsuitable extinguishing media | High pressure water streams. |
| Special Fire Fighting Procedures | Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Keep upwind. Keep unauthorized personnel away. If possible, remove containers exposed to heat or cool with water. Let the fire burn itself out with cooling cylinder/vessel by water spray unless leak can be stopped. Do not scatter spilled material with high pressure water streams. Dike fire water for later disposal; do not spread the material. Cool containers with flooding quantities of water until well after fire is out. |

5.2 Special hazards arising from the substance of mixture

| | |
|---|--|
| Hazards from the substance or mixture | Contact may cause burns to skin and eyes. Inhalation may cause coughing, difficult breathing and nausea. Effects of contact or inhalation may be delayed. May decompose upon heat or flame and will produce harmful gases (See section 10: Stability and reactivity") and fumes. Runoff and fire-control water may pollute waters. Risk of fire and explosion on contact with incompatible material(s). For large fires, withdraw from fire area and let fire burn. Inorganic fillers may be contained in smoke and fume by fire. |
| Hazardous thermal decomposition products | Fumes produced when heated to decomposition temperatures may contain carbon monoxide, carbon dioxide, oxides of nitrogen, and small amounts of aromatic and aliphatic hydrocarbons. Combustion products from rubber, like those of other natural/synthetic materials, must be considered toxic. |

5.3 Advice for firefighters

| | |
|---|---|
| Special protective actions for fire-fighting | Keep upwind. Keep unauthorized personnel away. If possible, remove containers exposed to heat or cool with water. For large fires, withdraw from fire area and let fire burn. Dike fire water for later disposal; do not spread the material. Cool containers with flooding quantities of water until well after fire is out. |
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| Specific protective equipment for fire-fighting | Wear regional, national, and local standards approved fire fighting turnout gear and positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection from heat, and may not provide adequate protection from the harmful vapors or liquids. |
|--|--|

SECTION 6: Accidental release measure

6.1 Personal precautions, protective equipment and emergency procedures

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| For non-emergency personnel | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing dust/fu me/gas/mist/vapours/spray. Provide adequate ventilation. Wear appropriate respirators when ventilation is inadequate. Put on appropriate personal protective equipment. |
| For emergency responders | Wear appropriate protective equipment. Use personal protection recommended in section 8: Exposure control/personal protection. Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Isolate spill or leak area for proper distance in all directions. Provide adequate ventilation. Keep upwind. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material. Use only outdoors or in a well-ventilated area. Do not breathe dust/fu me/gas/mist/vapours/spray. Wash face and hands thoroughly after handling. |
| Prevention of secondary hazards | ELIMINATE all ignition sources such as heat/sparks/open flames/hot surfaces/static discharges. Prevent heat and contact with hot surface. Do not put water inside spilled material containers. Prepare appropriate extinguishing agent. (See "5. Fire-fighting measures") For large spill, consider initial downwind evacuation for proper distance. Prevent dust cloud or/and dust accumulation. |

6.2 Environmental precautions

Prevent entry spilled material and runoff from spillage control into waterways, sewers, basements or confined areas. Avoid release to the environment.

6.3 Methods and materials for containment and cleaning up

| | |
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| Small spill | Eliminate ignition sources. Stop leak if without risk. Move containers from spill area. Mop up and place in an appropriate and properly labeled waste disposal container. Dispose of via a licensed waste disposal contractor. |
| Large spill | Dike far ahead of liquid spill for later disposal. Use clean non-sparking tools. Collect scattered product into sealable containers. Moist particle solid at first to prevent scattering if appropriate. Collect fine substance by dust explosion-proof cleaner to prevent scatter. Collect remaining dust and transfer from danger area for later disposal. See "13. Disposal considerations". |

6.4 Reference to other sections

See Section 1 for emergency contact information.
 See Section 8 for information on appropriate personal protective equipment.
 See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

| | |
|---|---|
| Protective measures | <p>ELIMINATE all ignition sources. Use only outdoors or in a well-ventilated area. Keep upwind for handling outdoors as much as possible. Keep unauthorized personnel away. Use clean non-sparking tools. Avoid contact with eyes, skin, and clothing. Prevent dust cloud and dust accumulation. Do not breathe powder, dust, shavings, borings, turnings or cuttings. As precautions for electrostatic discharge, inerting closed systems and explosion pressure venting of confined spaces are recommended.</p> <p>In case of open system, prevent from insulator lining or coating of piping, duct, hopper, and apply grounding/earthing of all conductive process units. Take precautionary measures against static electricity such as grounding and bonding, wearing anti-static footwear and clothing, using grounded conductive floor. Consult an expert about further precautionary measures for dust explosion.</p> |
| Advice on general occupational hygiene | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |

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7.2 Conditions for safe storage, including any incompatibilities

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| Technical measures and Conditions | <p>Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep containers tightly closed.</p> <p>Well ventilate by proper manner according to regional, national and local regulations. Protect against direct sunlight. Store in a dry place. Keep in a fire-proof designed place. Keep away from incompatible materials. See "10. Stability and reactivity". Keep away from food and feedstuffs. Store locked up.</p> <p>Use package or container with anti-static discharge liner. All containers shall be properly labeled.</p> |
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7.3 Specific end use(s)

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| Recommendations | <p>Ventilate by appropriate method. (See "8. Exposure control/personal protection").</p> <p>Install appropriate equipment and wear appropriate protective clothing. (See "8. Exposure control/personal protection") Use personal protective equipment as required.</p> <p>Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash hands and face thoroughly after handling. Eating, drinking and smoking in work areas is prohibited. Contaminated work clothing should not be allowed out of the workplace.</p> |
| Industrial sector specific solutions | <p>Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Recommend to keep containers tightly closed. Well ventilate by proper manner according to regional, national and local regulations. Provision to contain effluent from fire extinguishing. Store locked up. Store in a dry place. Protect against direct sunlight. Keep away from incompatible materials. See "10. Stability and reactivity". Keep away from food and feedstuffs.</p> |

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1 Control parameters

| <u>Occupational exposure limits</u> | | | | |
|---|------|----------------------------------|------|-----------|
| Substance | Form | TWA | STEL | Reference |
| Particles (insoluble or poorly soluble) not otherwise specified | Dust | 3 mg/m ³ (Respirable) | - | ACGIH |
| | Dust | 10 mg/m ³ (Inhalable) | - | ACGIH |
| Mineral oil | Mist | 5 mg/m ³ (Inhalable) | - | ACGIH |

8.2 Exposure controls

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| Appropriate engineering controls | If user operations generate dust, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. |
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Individual protection measures

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| Hygiene measures: | Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. |
| Eye/face protection: | Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mist, gases or dusts. Recommended: safety glasses with side-shields |
| Skin protection | |
| Hand protection: | Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this are necessary. For 8-hour full or splash contact with the material, use gloves made of butyl rubber with minimum layer thickness of 0.3 mm. |
| Body protection: | Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. |
| Other skin protection: | Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. If used in solution, or mixed with other substances, contact suppliers of approved gloves and skin protection. This is only advisory and must be evaluated on a case-to- case basis by specialists. |
| Respiratory protection: | Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary or as backup to engineering controls. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Recommended: organic vapor filter (Type A) |
| Environmental exposure controls: | Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. |

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

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|---|---|
| Appearance | |
| Physical state: | Solid in pellet form |
| Color: | Milky white |
| Odor: | Slight odor |
| Odor threshold : | Not applicable |
| pH: | No data available |
| Melting point/freezing point range: | 100 - 170 °C |
| Boiling point: | No data available |
| Flash point: | No data available |
| Evaporation rate (Butyl acetate=1.0): | No data available |
| Flammability (solid, gas): | |
| Burning time: | No data available |
| Burning rate: | No data available |
| Upper/lower flammability or explosive limits: | Lower: No data available Upper: No data available |
| Vapor Pressure: | No data available |
| Vapor Specific Gravity (Air=1): | No data available |
| Specific gravity (water =1.0) | 0.86 - 1.00 |
| Solubility(ies): | Insoluble in water. No data available for other than water. |
| Partition coefficient; n-octane/water: | No data available |
| Auto-ignition temperature: | No data available |
| Decomposition temperature: | No data available |
| Viscosity: | Not applicable |
| Explosive properties: | Classification not possible |
| Oxidizing properties: | Classification not possible |

9.2 Other information

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| None |
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SECTION 10: Stability and reactivity

10.1 Reactivity

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| No specific test data related to reactivity available for this product. |
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10.2 Chemical stability

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| Normally stable. Avoid exposure to open flame or temperatures exceeding recommended processing conditions. |
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10.3 Possibility of hazardous reactions

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| Thermal decomposition products may include carbon monoxide, carbon dioxide, dense smoke, aldehydes, other organic vapors. |
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10.4 Conditions to avoid

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| Keep away from ignition sources, heat, sparks, flame, hot surfaces and incompatible materials and avoid accumulation of static electricity. |
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10.5. Incompatible materials

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| Strong oxidizing agents, acids, bases. |
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10.6 Hazardous decomposition products

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| Under normal conditions of storage and use, hazardous decomposition products should not be produced. Carbon oxides, hydrocarbons and soot. |
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SECTION 11: Toxicological information

| 11.1 Information on toxicological effects | | | | |
|---|-------------------------|--|--|--------------|
| Acute Toxicity: | Product/Ingredient name | Result | Species | Dose |
| Oral | 1-Propene, homopolymer | LDLo | Mouse | >8,000 mg/kg |
| | | LD50 | Rat | >8,000 mg/kg |
| Dermal | No data available | - | - | - |
| Inhalation | No data available | - | - | - |
| | Mineral oil | Category 4 | - | - |
| Skin | Corrosivity: | No data available | - | |
| | Irritation: | 1-Propene, homopolymer | Human (volunteer test): Not irritating | |
| | | Filler | Rabbit: Moderately irritating | |
| | | | Human: Irritating | |
| Eye | Corrosivity: | No data available | - | |
| | Irritation: | Filler | Rabbit: Severely irritating | |
| Human: Mildly irritating | | | | |
| Sensitization | Respiratory: | No data available | - | |
| | Skin: | 1-Propene, homopolymer | Human (volunteer test): non-sensitizer | |
| Germ cell mutagenicity: | No data available | - | | |
| | Mineral oil | Category 2 | | |
| Carcinogenicity: | 1-Propene, homopolymer | IARC: 3 (Not classified as carcinogen to humans) | | |
| Reproductive toxicity | Teratogenicity: | No data available | - | |
| | Reproduction: | No data available | - | |
| Specific target organ toxicity STOT (single exposure): | | | | |
| | 1-Propene, homopolymer | Classification not possible | | |
| | Mineral oil | Category 2 (inhalation): respiratory system | | |
| Specific target organ toxicity STOT (repeated exposure): | | | | |
| | No data available | - | | |
| | Mineral oil | Category 1: skin (dermal), Respiratory system (inhalation), Lymph system (oral). | | |
| Aspiration Hazards: | No data available | - | | |
| Other Effects: | No data available | - | | |

SECTION 12: Ecological information

| 12.1 Toxicity | | | | |
|---|-------------------------|--------|---------|------|
| Acute Toxicity: | Product/Ingredient name | Result | Species | Dose |
| Fish | No data available | - | - | - |
| | | - | - | - |
| Crustacea | No data available | - | - | - |
| Algae | No data available | - | - | - |
| Others: | No data available | - | - | - |
| Chronic Toxicity: | | | | |
| Persistency/Durability: | No data available | - | - | - |
| Bioaccumulative potential: | No data available | - | - | - |
| Mobility in soil | | | | |
| | No data available | - | - | - |
| 12.2 Persistence and degradability | | | | |
| Conclusion/summary: | No data available | | | |

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| 12.3 Bioaccumulative potential |
| Conclusion/summary: No data available |
| 12.4 Mobility in soil |
| Conclusion/summary: No data available |
| 12.5 Results of PBT and vPvB assessment |
| No data available |
| 12.6 Other adverse effects |
| No data available |

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

| | |
|-----------------------------|---|
| Product | |
| Methods of disposal: | The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. |
| Hazardous waste: | The classification of the product may meet the criteria for a hazardous waste. |
| Packaging | |
| Methods of disposal: | The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. |
| Special precautions: | This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. |

SECTION 14: Transport information

| | ADR/RID | ADN/ADNR | IMDG | IATA |
|---|---------------|---------------|---------------|---------------|
| 14.1 UN number | None | None | None | None |
| 14.2 UN proper shipping name | None | None | None | None |
| 14.3 Transport hazard class(es) | None | None | None | None |
| 14.4 Packing group | None | None | None | None |
| 14.5 Environmental hazards | None | None | None | None |
| 14.6 Special precautions for user | Not available | Not available | Not available | Not available |
| 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | None | None | None | None |

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| SECTION 15: Regulatory information | |
| 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture | |
| EU Regulation (EC) No. 1907/2006 (REACH): <i>Planned to be registered.</i> | |
| Annex XIV - List of substances subject to authorization | |
| Substances of very high concern: No data available | |
| Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : No data available | |
| Other EU regulations | |
| Europe inventory: | All components are listed or exempted. |
| Black List Chemicals: | Not listed |
| Priority List Chemicals: | No data available |
| Integrated pollution prevention and control list (IPPC) - Air: | No data available |
| Integrated pollution prevention and control list (IPPC) - Water: | No data available |
| International regulations | |
| Chemical Weapons Convention List Schedules I, II and III Chemical: | Not listed |
| 15.2 Chemical Safety Assessment | |
| This product contains substances for which Chemical Safety Assessments are still required. | |

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| SECTION 16: Other information | |
| Indicates information that has changed from previously issued version. | |
| Abbreviations and acronyms: | None |
| Revision | 1.6 |
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