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| **Occupational Health and Safety Act, 1993 (Act No. 85 of 1993)****Hazardous Chemical Substances Regulations, 1995****Annexure 8 : Material safety data sheet** |
|  **MATERIAL SAFETY DATA SHEET** | No:Date issued: Pageof |
| **COMPANY DETAILS** |
| Name:  Address:  Tel:  | Emergency telephone no.:  Telex:  Fax: |
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| **1)** | **Product and Company Identification:****(Page 1 may be used as an emergency safety data sheet)** |

 |
| Trade name : Chemical family : Chemical name: Synonyms: | Chemical abstract no. : NIOSH no.:  Hazchem code:  UN no.: |
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| **2)** | **Composition** |

 |
| Hazardous components: EEC classification: R Phrases: |  |
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| **3)** | **Hazards Identification** |

 |
| Main hazard: Flammability: Chemical hazard Biological hazard: Reproductive hazard: Eye effects: eyes: Health effects - skin: Health effects - ingestion: Health effects - inhalation: Carcinogenicity: Mutagenicity: Neurotoxicity: |  |
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| **4)** | **First-aid Measures** |

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| Product in eye: Product on skin: Product ingested: Product inhaled: |  |
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| **5)** | **Fire-fighting Measures** |

 |
| Extinguishing media: Special hazards: Protective clothing: |  |
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| **6)** | **Accidental Release Measures** |

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| Personal precautions: Environmental precautions: Small spills: Large spills: |  |
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| **7)** | **Handling and Storage** |

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| Suitable material: Handling/storage precautions: |  |
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| **8)** | **Exposure Control/Personal Protection** |

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| Occupational exposure limits: Engineering control measures: Personal protection - respiratory: Personal protection - hand: Personal protection - eye: Personal protection - skin: Other protection: |  |
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| **9)** | **Physical and Chemical Properties** |

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| Appearance: Odour: pH: Boiling point: Melting point: Flash point: Flammability: Auto flammability: Explosive properties: Oxidizing properties: Vapour pressure: Density: Solubility - water: Solubility - solvent: Solubility - coefficient |  |
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| **10)** | **Stability and Reactivity** |

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| Conditions to avoid: Incompatible materials: Hazardous decomposition products: |  |
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| **11)** | **Toxicological Information** |

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| Acute toxicity: Skin and eye contact: Chronic toxicity: Carcinogenicity: Mutagenicity: Neurotoxicity: Reproductive hazards: |  |
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| **12)** | **Ecological Information** |

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| Aquatic toxicity - fish: Aquatic toxicity - daphnia Aquatic toxicity - algae Biodegradability: Bio-accumulation: Mobility: German wgk: |  |
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| **13)** | **Disposal Considerations** |

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| Disposal methods: Disposal of packaging: |  |
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| **14)** | **Transport Information** |

 |
| UN no. Substance indentity no. ADR/RID class: ADR/RID item no. ADR/RID hazard identity no.: IMDG - shipping name: MDG - class: IMDG - packaging group: IMDG - marine pollutant: IMDG - EMS no. IMDG - WAG tabel no.: IATA - shipping name: IATA - class: IATA - subsidiary risk(s): ADNR - class: UK - description: UK - emergency action class: UK - classification: Tremcard no.: |  |
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| 15) | **Regulatory Information**. |

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| EEC hazard classification: Risk phases: Safety phases: National legislation: |  |
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| **16)** | **Other Information** |

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