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| 1. **Product Information** |
| Trade name : SPOT A |
| Product Description : Laundry Spotting Detergent |
| Sin/un no : 1993 |
| Erg no : 128 |
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| 1. **Composition** |
| Hazardous components : Flammable Solvents |
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| 1. **Hazards Identification** |
| Main Hazard : None known under normal use conditions |
| Flammability : Flammable |
| Chemical Hazard : None |
| Biological Hazards : No data available |
| Reproduction Hazard : No data available |
| Eye Effects (eyes) : Irritant |
| Health Effects (skin) : De-fatting. May cause Dermatitis |
| Health Effects (ingestion) : Nausea and vomiting |
| Health Effects (inhalation) : Irritant to Bronchial tract. |
| Carcinogenicity : No data avialable |
| Mutagenicity :No data avialable |
| Neurotoxicity :No data available |
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| 1. **First Aid Measures** |
| Product in eye :Rinse with water for 15 minutes. Treat symptoms. |
| Product on skin : Wash off with soap and with water |
| Product ingested : Do not induce vomiting. Seek medical attention urgently |
| Product inhaled : Remove to fresh air. Seek medical attention |
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| 1. **Fire Fighting Measures** |
| Extinguising Media : Dry Chemicals and Fire Fighting Foam |
| Special Hazards : None known |
| Protective Clothing : Full protective suit with self-contained breating apparatus |
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**Material Safty Data Sheet**

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| 1. **Accidental Release Measures** |
| Personal Precautions : Clear spill site. Do not walk through spilt product. |
| Enviromental Precautions : Do not release into natural waterways. |
| Small Spills : Wash away with water |
| Large Spills : Contain with sand for diaposal. |
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| 1. **Handling and Storage** |
| Suitable Material : Store in plastic or metal drums |
| Handling/Storage Precautions : Avoid splashing. Store away from sourses of ignition. |
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| 1. **Exposure Controls / Personal Pretection** |
| Occupational Exposure Limits : No data available |
| Engeneering Control Measuers : Adequate Ventillation. |
| Personal Protection – Respiratory |
| Personal Protection – Hands : PVC or rubber gloves. |
| Personal Protection – Eyes : Face shield or goggles. |
| Personal Protection – Skin : Overall , plastic apron. |
| Other Protection : Gum Boots. |
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| 1. **Physical and Chemical Proporties** |
| Apperance : Amber Liquid |
| Odour : Typical Solvent |
| PH : Approximatly 9 |
| Boiling Point : Unknown |
| Melting Point : Not Applicable |
| Flash Point : Approximatly 40 C |
| Flammability : Flammable |
| Autoflammability : No data available |
| Explosive Properties : Non explosive |
| Oxidising Properties : Non oxidizing |
| Vapour Pressure : No data available |
| Density : 1.91 Kg/L |
| Solibility – Water : Forms and Emulsion |
| Solibility – Solvent : Soluble |
| Solibility – Co-Efficient : Unknown |
| Neurotoxity : No data available |
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| 1. **Stability and Reactivity** |
| Conditions to avoid : Exessive heat |
| Incompatible Materials : Bleach |
| Hazardous Decomposition Products : Carbon Monoxide / Dioxide |
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| 1. **Toxicological Information** |
| Acute Toxicity : Ingestion will cause nausea and vomiting |
| Skin and Eye Contact : Irratant – May develop Dermatitis. |
| Chronic Toxicity : No data available |
| Carcinogenicity : No data available |
| Mutagenicity : No data available |
| Reproductive Hazards : No data available |
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| 1. **Ecological Information** |
| Aquatic Toxicity – Fish : Dangerous to aquatic life in high concentrations |
| Aquatic ToxIcity – Daphnia : Dangerous to aquatic life in high concentrations |
| Aquatic Toxicity - Algae : Dangerous to aquatic life in high concentrations |
| Biodegardability : Not fully biodegradable |
| Bio-Accumulation : No data available |
| Mobility : No data avialable |
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| 1. **Disposal Considerations** |
| Disposal Methods : Via an authorised Disposal Company |
| Disposal of Packaging : Via an authorised Disposal Company |
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| 1. **Transport Information (according to SABS 0228 and 0229)** |
| UN no : 1993 |
| Class : 3.3 |
| Substance Identity no : 1993 |
| Danger Group : III |
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| 1. **Regulatory Information :** |
| Risk Phases : R10 / R20 / R22 / R36 / R38 |
| Safety Phrases : S2 / S15 / S29 / S36 / S37 |
| National Legisalation : |