**Material Safety Data Sheet (MSDS) – Magnoball**

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| **Manufacturer or supplier information** |
| Product name: Magnoball |  |
| Supplier name**: Ecozone Ltd.** | Address ： Ecozone Ltd. Barley Mow Centre, 10 Barley Mow Passage Chiswick, London W4 4PH |
| Emergent contact person: Ecozone Ltd. | Emergency contact phone number：0345 230 4200 |
| Reported date：2021-01-01 | E-Mail： trade@ecozone.com |
| **Material composition sheet** |
| Material name | Risk |  | CAS No. | Material contents |
| Ferrite Magnet | None |  | N/A | 50% |
| Styrene - ethylene - butene - styrene block copolymer (1, 3 - butadiene polymer - hydride) |  None | 66070-58-4 |  | 25% |
| Styrene - butadiene - styrene block copolymer(thermoplasticstyrene-butadienerubber) |  None | 9003-55-8 |  | 10% |
| Naphthene oil |  None | 67254-74-4 |  | 7.5% |
| Polypropylene |  None | 9003-07-0 |  | 5% |
| Calcium carbonate |  None | 471-34-1 |  | 2.5% |
| **Hazards identification information** |
| Health hazard: None Ingestion: send to hospital as soon as possible Eyes: send to hospital as soon as possible Skin: regular contact with no abnormity Others: None Environmental hazards: dealing with the waste for recycling. Otherwise burning or landfill treatment,Safety hazards: operation process to avoid dust, all equipment to prevent ESD, avoid contacting with molten colloid. Special hazards: None |
| **First aid measures** |

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| Skin contact: regular contact with no abnormity, if thereis a plastic contact, we should clean with salt after the emergency medical treatment as soon as possibleEye contact: rinse after medical treatment as soon as possible Ingestion: send to hospital as soon as possible For emergency protection: wear safety glasses and dust mask |
| **Fire protection** |
| Applicable fire extinguisher: water injection, powder fire extinguisher

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| ：None |

Fire precautions: beware of burning smoke from lack of oxygen to produce Special fire suppression process (SCBA),Special protecting facility for personnels: prevent melt contact, make positive pressure air breathing apparatus (SCBA), firefighters wearing a full range of fire protection |
| **Emergency treatment when the products are leaked** |
| Notice for individual: avoid sprinkle leakage on the stair, or other location and staff slippedNotice for environment: It should be recycled as soon as possible after the accidental releaseClearance method: After leakage it should be recycled as soon as possible, can be recycled after separation of impurities |
| **Operation treatment and storage** |
| Operation notice: avoid inhaling fumes, when processing, it may be caused vomiting Storage precautions: placed in ventilated place, avoid overvoltage and broken：Storage period: about 48 months |
| **Contact control/Personal protection** |
| Maximum allowable concentration: 5 mg/cubic Engineering control: None Personal protective facility Respiratory protection: protective masksEye protection: safety glasses Body protection: long sleeve clothes Hand protection: latex gloves Other protection: None |
| **Physical and chemical properties** |
| Material status：■Solid  Liguid Gas | Shape: Granulations (3mm) |
| Colour: Transparent and natural | Smell ：None |
| PH: N/A |  Melting/freezing point: > 145 Boiling point: None |
| Autoignition temperature**:** 430 | Test method：ASTM-D1929-77 |

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| Explosion limits: None | Density: 1.10~1.23 |
| Water concentration (or solubility): insoluble in water | Vapor pressure: minimal：>1 Steam density: > 1 |
| Other Physical and chemical properties: None |
| **Stability and reactivity** |
| Stability: there is no standard Avoid contacting with the material: acid and acetone：>250℃Avoid contacting with the condition: > 250 ℃ environment |
| **Ecology data** |
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| can't be decomposed through biochemical decomposition |

Possible environment effect or spread: It |
| **Waste disposal** |
| Waste properties: □ Dangerous or toxic waste ■ Industrial solid waste Notice: waste in accordance with the regulations |
| **Transport information (including packaging)** |
| Danger/toxic goods number: None Packing mark: None Packaging categories ：None:Method of packing: 25 kg/paper-plastic composite packagingInternational transport rule: None Domestic transport rule ：None Transport notice: Avoid using hook damage caused by the fall |
| **Laws and regulations data** |
| Applicable laws and regulations and standard information: labour safety waste disposal method and the relevant laws and regulations |
| **Other information** |
| Reference documents: None |