**SAFETY DATA SHEET**

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

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| **Product Name** | Lemongrass Type |
| **Product Code** | #TS102 |
| **Recommended Use** | Industrial (not for food or food contact use) |
| **Product Type** | Fragrance |
| **Supplier Address** |  |
| **Chemical Emergency Phone Number** | 973-983-1400 |
| **Company Emergency Phone Number** | 973-983-1400 |
| **Emergency Telephone** | 732-983-7566 |

**SECTION 2: HAZARDS IDENTIFICATION**

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| **Classification Of The Mixture Under Dir. 29 CFR §1910.1200** | Flam. Liq. (Category 3)  Eye irritation (Category 1)  Skin Irritation (Category 2)  Skin sensitization  Aquatic Acute (Category 1)  Aquatic Chronic (Category 1) |

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| **Signal Word** | Warning |
| **Label Elements** | Pictogram GHS02 GHS-0002-F06 | Serpac |
| **Potential Health Effects** | Principal routes of exposure: Inhalation, skin contact, eye contact |
| **Acute Toxicity** | Eyes: Causes serious eye irritation  Skin: Causes skin irritation  Inhalation: May cause respiratory irritation  Ingestion: Harmful if swallowed |

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| **Chronic Effects** | No known effect based on information supplied |
| **Aggravated Medical Conditions** | None known |

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

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| **Other Information** | The specific chemical identities of the ingredients in this mixture are considered to be trade secrets and are withheld in accordance with the provisions of 1910.1200 of the code of federal regulations |

**SECTION 4: FIRST AID MEASURES**

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| **General Advice** | If symptoms persist, call a physician |
| **Eye Contact** | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician |
| **Skin Contact** | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician |
| **Inhalation** | If symptoms persist, call a physician. Move to fresh air in case of accidental inhalation of vapors or decomposition products |
| **Ingestion** | Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Consult a physician. Do **NOT** induce vomiting |
| **Notes to Physician** | Treat symptomatically |
| **Protection of First-Aiders** | Use personal protective equipment |

**SECTION 5: FIRE-FIGHTING MEASURES**

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| **Flammable Properties** | Flammable liquid | | | |
| **Flashpoint** | 142.5 °F | | | |
| **Suitable Extinguishing Media** | Dry chemical, carbon dioxide (CO 2), water spray, alcohol-resistant foam | | | |
| **Specific Hazards Arising from the Chemical** | Keep product and empty container away from heat and sources of ignition. Risk of ignition | | | |
| **Protective Equipment and Precautions for Firefighters** | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear | | | |
| **NFPA** | Health Hazard 1 | Flammability 0 | Stability 1 | Physical and Chemical Hazards 1 |
| **HMIS** | Health Hazard 1 | Flammability 0 | Physical Hazard 1 | Personal Protection X |

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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| **Personal Precautions** | Use personal protective equipment. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges |
| **Environmental Precautions** | Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains |
| **Methods for Containment** | Dike to collect large liquid spills |
| **Methods for Cleaning up** | Soak up with inert absorbent material. Dam up. Pick up and transfer to properly labeled containers. Take precautionary measures against static discharges |

**SECTION 7: HANDLING AND STORAGE**

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| **Advice on Safe Handling** | Use only in area provided with appropriate exhaust ventilation. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks and open flame. No smoking. Wear personal protective equipment. Do not breathe vapors or spray mist. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors) |
| **Technical Measures/Storage Conditions** | Keep away from heat and sources of ignition. Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. Keep in properly labeled containers. |

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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| **Engineering Measures** | Showers/Eyewash/Stations/Ventilation Systems | |
| **Personal Protective Equipment** | Eye/Face Protection | Tightly fitting safety goggles |
| Skin and Body Protection | Wear suitable protective clothing |
| Respiratory Protection | If exposure limits are exceeded or irritation is experienced; NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne containment concentrations. Respiratory protection must be provided in accordance with current local regulations. Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with organic vapor cartridges as a backup to engineering controls. Use respirators and components tested and approved by NIOSH |
| **Hygiene Measures** | When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing | |

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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| **Physical State** | Liquid | |
| **Odor** | Characteristic | |
| **Odor Threshold** | No information available | |
| **Appearance** | Liquid | |
| **Color** | Pale Yellow to Yellow | |
| **Property** | **Values** | **Remarks/Methods** |
| pH |  | No information available |
| Melting/Freezing Point |  | No information available |
| Boiling Point/Boiling Range |  | No information available |
| Flashpoint | 142.5 °F | Closed cup |
| Evaporation Rate |  | No information available |
| Flammability (solid, gas) |  | No information available |
| Flammability Limits in Air (upper flammability limit) (lower flammability limit) |  | No information available |
| Explosion limits (upper, lower) |  | No information available |
| Vapor Pressure |  | No information available |
| Vapor Density |  | No information available |
| Specific Gravity | 0.9119 @ 25.0 °C | Density Meter |
| Refractive Index | 1.4919 @ 23.0 °C | Refractometer |
| Water Solubility | Not Water Soluble | Add to water |
| Solubility in Other Solvents |  | No information available |
| Partition Coefficient: n-octanol/water |  | No information available |
| Auto-ignition temperature |  | No information available |
| Decomposition temperature |  | No information available |
| Viscosity, kinematic |  | No information available |
| Viscosity, dynamic |  | No information available |
| Upper/lower Explosive limits (vol%) |  | No information available |
| Oxidizing Properties |  | No information available |
| Softening Point |  | No information available |
| Molecular Weight |  | No information available |
| VOC Content (%) |  | No information available |
| Density VALUE |  | No information available |
| Bulk Density VALUE |  | No information available |

**SECTION 10: STABILITY AND REACTIVITY**

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| **Stability** | Stable under recommended storage conditions |
| **Incompatible Products** | None known based on information supplied |
| **Conditions to Avoid** | Heat, flames and sparks |
| **Hazardous Decomposition Products** | None known based on information supplied |
| **Hazardous Polymerization** | Hazardous Polymerization does not occur |

**SECTION 11: TOXICOLOGICAL INFORMATION**

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| **Product Information** | This mixture has not been subjected to toxicological testing but has been blended from materials with established toxicological bibliographies. In view of the difficulty of using current standard toxicological evaluation techniques to predict potential hazards to susceptible individuals or arising from unforeseeable potentiation, this preparation should be considered and handled as if it displayed health hazards and consequently treated with all possible precaution |
| **Chronic Toxicity** | No known effect |
| **Target Organ Effects** | No known effects under normal use conditions |

**SECTION 12: ECOLOGICAL INFORMATION**

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| **Eco-toxicity Effects** | This mixture as a whole has not been subjected to eco-toxicological testing. In view of the difficulty of using current standard eco-toxicological evaluation techniques to predict the impact of particular modes of release on vulnerable or localized parts of the ecosystem, this preparation should be considered and handled as if it displayed potential environmental hazards, and treated in consequence with all possible precaution |

**SECTION 13: DISPOSAL CONSIDERATIONS**

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| **Waste Disposal Methods** | Dispose of in accordance with local regulations. Do not empty into drains. |
| **Contaminated Packaging** | Do not re-use empty containers |

**SECTION 14: TRANSPORT INFORMATION**

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| **DOT** | Not Regulated |

**SECTION 15: REGULATORY INFORMATION**

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| **International Inventories** | | | | | |
| **TSCA (United States Toxic Substances Control Act Section 8(b) Inventory)** | | | | | Complies |
| **DSL/NDSL (Canadian Domestic Substances List/Non-Domestic Substances List)** | | | | | Complies |
| **EINECS/ELINCS (European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances)** | | | | | Complies |
| **ENCS (Japan Existing and New Chemical Substances)** | | | | | Not Determined |
| **IECSC (China Inventory of Existing Chemical Substances)** | | | | | Not Determined |
| **KECL (Korean Existing and Evaluated Chemical Substances)** | | | | | Not Determined |
| **PICCS (Philippines Inventory of Chemicals and Chemical Substances)** | | | | | Not Determined |
| **AICS (Australian Inventory of Chemical Substances)** | | | | | Complies |
| **U.S. Federal Regulations SARA 313** | Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372 | | | | |
| **SARA 311/312 Hazard Categories** | | | | | |
| **Acute Health Hazard** | | | No | | |
| **Chronic Health Hazard** | | | No | | |
| **Fire Hazard** | | | No | | |
| **Sudden Release of Pressure Hazard** | | | No | | |
| **Reactive Hazard** | | | No | | |
|  | | | | | |
| **FEMA High Priority Substances** | | | | Not Applicable | |
|  | | | | | |
| **California Proposition 65** | | This product does not contain any Proposition 65 chemicals. | | | |

**SECTION 16: OTHER INFORMATION**

Prepared By: 07/19/2023 Revision 1.0

Signature: Date: 07/19/2023

DISCLAIMER: The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.