

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

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| SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION | | |
| Identity (As Used on Label and List): Odor-Rite Tropical (Concentrate) Product Class: Water-Based Malodor Counteractant Emergency Telephone Number: 800-255-3924 Telephone Number for Information: 651-481-1900 Manufacturer's Name and Address Multi-Clean® 600 Cardigan Road Shoreview, MN 55126 | | |
| SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS | | |
| Hazardous Components (Specific Chemical Identity): | | |
| Chemical | Common Name(s) % | |
| A | Alcohol Ethoxylates 3 - 7 CAS #34398-01-1 | |
| B | Fragrance Oil 1 - 5 (proprietary) | |
| C | Deodorant 1 - 5 (proprietary) | |
| D | Water 60 - 100 CAS #7732-18-5 | |
| SECTION III - HAZARDS IDENTIFICATION | | |
| Emergency Overview Appearance and Odor: Purple liquid, Tropical Citrus Fragrance. Primary Hazards: No hazardous effects known. Potential Health Hazards Route(s) of Entry: Skin Absorption: Ingestion: Inhalation: Eye: May cause irritation on contact. Skin: May cause irritation on prolonged or repeated contact. Ingestion: May be harmful if swallowed. Inhalation: No hazards known. Signs and Symptoms of Exposure: May cause irritation on direct contact. Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No Target Organ(s): No additional data. Medical Conditions Generally Aggravated by Exposure: N. Av. Health Hazards, Chronic: N. Av. | | |
| SECTION IV - FIRST AID MEASURES | | |
| Emergency and First Aid Procedures: If Swallowed: If person can swallow, give several glasses of water. Obtain immediate medical attention. Eye Contact: Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention. Skin Contact: Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse. Inhalation: Remove to fresh air. If irritation persists, obtain medical attention. Sources Used: Raw material data, general toxicology from the trade for similar products. | | |
| SECTION V - FIRE FIGHTING MEASURES | | |
| Flammability: No | Autoignition Temperature: N. Ap. | |
| Flash Point (method used): None | | |
| Flammable Limits: N. Ap. | LEL UEL | |
| Extinguishing Media N. Ap. | | |
| Water? | Foam? | Water Fog? |
| Alcohol Foam? | CO ₂ ? | Dry Chemical? |
| Vaporizing Liquid? | Other? | |
| Special Fire Fighting Procedures: N. Ap. | | |
| Unusual Fire and Explosion Hazards: N. Av. | | |
| TDG Flammability Classification: Non-flammable | | |
| Sensitivity to Mechanical Impact: None | | |
| Sensitivity to Static Discharge: None | | |
| SECTION VI - ACCIDENTAL RELEASE MEASURES | | |
| Steps to be Taken in Case Material is Released or Spilled: Dike and contain spill with inert material (sand, earth, etc). Collect spill with mop, absorbent material (example: floor-dri) or vacuum. Thoroughly rinse affected area with water. | | |
| SECTION VII - HANDLING AND STORAGE | | |
| Precautions to be Taken in Handling and Storing: Normal care in handling and storage. Other Precautions: Keep out of reach of children. Keep from freezing. | | |
| SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION | | |
| Respiratory Protection (Specify Types): Not required Ventilation: Local Exhaust: Not required Special: Not required Mechanical (General): Normal good ventilation sufficient. Other: Not required Protective Gloves: Natural rubber or synthetic. Eye Protection: Approved safety goggles or glasses. Footwear: Not required Other Protective Clothing or Equipment: Not required Work/Hygienic Practices: Do not contaminate food or beverages with cleaning chemicals. | | |

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| SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS | | | | | |
| Boiling Point: Approximately 212°F (100°F) | pH: 6 - 8 | | | | |
| Specific Gravity (H ₂ O) = 1: 1.00 | % Volatile: > 85 | | | | |
| Vapor Density (Air = 1): N. Av. | Odor Threshold: N. Av. | | | | |
| Evaporation Rate (Butyl Acetate = 1): N. Av. | Oil/Water Distribution | | | | |
| Solubility in Water: Complete | Coefficient: N. Av. | | | | |
| Vapor Pressure (MM HG): N. Av. | | | | | |
| Melting Point: N. Ap. | | | | | |
| SECTION X - STABILITY AND REACTIVITY | | | | | |
| Stability: Unstable: Stable: X | | | | | |
| Conditions to Avoid: N. Ap. | | | | | |
| Incompatibility (materials to avoid): N. Av. | | | | | |
| Hazardous Decomposition or By-products: N. Av. | | | | | |
| Hazardous Polymerization: May occur: Will not occur: X | | | | | |
| Conditions to Avoid: N. Ap. | | | | | |
| SECTION XI - TOXICOLOGICAL INFORMATION | | | | | |
| Chemical | OSHA PEL | ACGIH TLV | Recom. | LD50 | LC50 |
| A | N. Ap. | N. Ap. | N. Ap. | 2,100 mg/kg (rat, oral) | > 200 mg/L (rat, 1 hr.) |
| B | None | None | N. Av. | N. Av. | N. Av. |
| C | N. Ap. | N. Ap. | N. Av. | >19,000 mg/kg | >200 m |
| D | None | None | N. Av. | N. Av. | N. Av. |
| Teratogen, Mutagen, Reproductive Toxin Status: No | | | | | |
| Toxicologically Synergistic Products: N. Av. | | | | | |
| SECTION XII - ECOLOGICAL INFORMATION | | | | | |
| Biodegradation Properties: N. Av. | | | | | |
| Ecotoxicological Information: N. Av. | | | | | |
| Chemical Fate Information: N. Av. | | | | | |
| SECTION XIII - DISPOSAL CONSIDERATIONS | | | | | |
| Waste Disposal Method: Dispose of spilled material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be sewerred, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations. RCRA Hazard Class: None | | | | | |
| SECTION XIV - TRANSPORT INFORMATION | | | | | |
| Shipping Classification: Compound, cleaning liquid, N.O.I. | | | | | |
| UN Number: N. Ap. | | | | | |
| Packing Group: N. Ap. | | | | | |
| SECTION XV - PREPARATION DATA | | | | | |
| Prepared By: Mike Elms | | | | | |
| Telephone Number: 651-481-1900 | | | | | |
| Date: 9-2010 | | | | | |
| SECTION XVI - REGULATORY INFORMATION | | | | | |
| US Federal Regulations | | | | | |
| TSCA Status: All ingredients listed. | | | | | |
| CERCLA Reportable Quality: None | | | | | |
| SARA Title III | | | | | |
| Section 302 Extremely Hazardous Chemicals: None | | | | | |
| Section 311/312 Hazard Category: None | | | | | |
| Section 313 Toxic Chemicals: None | | | | | |
| State Regulations | | | | | |
| International Regulations | | | | | |
| WHMIS Controlled Product Hazard Class: N. Ap. | | | | | |
| SECTION XVII - OTHER INFORMATION | | | | | |
| None | | | | | |
| N. Ap. - Not Applicable; N. Av. - Not Available | | | | | |

NFPA SYSTEM

1 A. Health Hazard 0 A. Fire Hazard 0 A. Reactivity Hazard

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