

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION

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| HMIS Rating: Health-1; Flammability-1; Reactivity-0 | |
| Manufacturer's Name: MKG Sales Associates, Inc. Address: 409 Bloomfield Dr. Unit 5 West Berlin, NJ 08091 | Identity (trade name as used on label): Scrubs Inside Out |
| Date Prepared: 11/12/96 Prepared By: RR | MSDS Number: 5058900 |
| Information Calls: (609)753-7111 EMERGENCY RESPONSE NUMBER: 800-535-5053 | NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA |

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

| COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater) | CAS Number | OSHA PEL (ppm) | ACGIH TLV (ppm) | Other Limits Recommended |
|---|-----------------|----------------|-----------------|--------------------------|
| 1-Methoxy-2-propanol | 107-98-2 | 100 | 100 | STEL 150 ppm |
| 1,2-Propanediol | 57-55-6 | N/E | N/E | |
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This product is not known to contain any compound listed and in quantities requiring reporting under SARA Title III Section 313.

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

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| Boiling Point: 212 F | Specific Gravity (H ₂ O=1): @ 70 F: 1.00 |
| Vapor Pressure: No data | Melting Point: No data |
| Vapor Density (air=1): Greater than one (1) | Evaporation Rate (butyl acetate = 1): No data |
| Solubility in Water: Dispersible | pH: 7.0 ± 0.5 |
| Appearance and Odor: Thin, white opaque liquid with minimal scent saturated onto towels. | |

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

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| Flammable Limits | LEL: No data | UEL: No data |
| FLASH POINT AND METHOD USED (°F): > 141 F (TCC) | Unusual Fire & Explosion Hazards: None known. If plastic material is ignited, it is difficult to extinguish. | |
| Extinguishing Media: Not usually necessary as this product does not support combustion. Use media appropriate for fire's fuel source. | | |
| Special Fire Fighting Procedures: Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways. Wear SCBA in chemical fires. | | |

SECTION 4 - REACTIVITY HAZARD DATA

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| STABILITY [X] STABLE [] UNSTABLE | HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR |
| Incompatibility (Mat. to avoid): Strong acids and bases, strong oxidizers, lime, ammonia, organic amines, chlorates, chlorine, sodium hydroxide. | Conditions to Avoid: Do not use near open flame. Keep from freezing. |
| Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, sulfur dioxide, silicone dioxide, hydrogen sulfide, formaldehyde (>300 F), smoke, soot, and various organic oxidation by-products. | |

SECTION 5 - HEALTH HAZARD DATA

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| Effects of Overexposure: | Primary Routes of Exposure: Eyes, Skin |
| Eyes: Redness, tearing or burning in eyes. Direct eye contact with towel causes eye abrasion and irritation. | Inhalation: Overexposure to vapors (unlikely) may cause central nervous system effects such as drowsiness, dizziness, fatigue or loss of coordination. |
| Skin: Redness, drying or cracking skin. May cause irritation. Repeated or prolonged occupational overexposure may cause dermatitis, central nervous system, kidney effects or Painter's Syndrome. | Ingestion: Irritation of the throat or stomach, nausea, vomiting, and diarrhea if swallowed. Harmful if swallowed. |

EMERGENCY FIRST AID PROCEDURES

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| Eye Contact: Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. See a physician immediately. |
| Skin Contact: Flush with plenty of water for at least 15 minutes to insure complete removal. See a physician if irritation arises and persists. |
| Ingestion: Not a likely exposure route. If a large quantity of liquid is swallowed, do not induce vomiting, call a physician or poison control center immediately. |
| Inhalation: Unlikely route as liquid is impregnated on a towel, minimizing exposure via this route. |
| Medical conditions aggravated by exposure: Pre-existing skin conditions such as dermatitis may be adversely affected by this and other oil and grease effective cleaners. Person with pre-existing liver and kidney conditions should follow good chemical hygiene practices to avoid complications. |

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

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| Respiratory Protection: Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded. | Eye Protection: Not necessary. |
| Protective Gloves: Not usually necessary. If repeated or prolonged contact is possible, wear impervious gloves. | |
| Ventilation Requirements: Mechanical | |
| Other Protective Clothing & Equipment: Not usually necessary. If prolonged direct contact is possible, wear apron, boots, face shield, goggles, safety glasses, etc. as needed. | |

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

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| Steps To Be Taken If Material Is Spilled Or Released: Caution, slip hazard. Wipe up small releases with a dry absorbent cloth. For large releases, prevent material from entering sewers or drains. Ventilate area and block traffic. Pick up and put in suitable container for proper disposal. Clean any slippery residues with soap and water. |
| Waste Disposal Methods: Consult local, state, and federal regulations. Discard empty container or offer for recycling or reuse. |
| Precautions To Be Taken In Handling & Storage: Do not allow towel contact with eyes. Wash thoroughly after handling. Avoid swallowing. Avoid contact with skin and clothing. Avoid inhaling vapors. Use with adequate ventilation. Do not smoke while using. |
| Work/Hygienic Practices: Normal. Wash hands before eating, drinking, smoking, using restroom, etc. |
| Other Precautions &/or Special Hazards: Follow label directions carefully. Keep away from heat sources. Keep out of reach of children. Keep container tightly sealed when not in use. Do not contaminate water, food or feed by use or storage. Keep from freezing. |

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only