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**Material Safety Data Sheet****[Invisible Gloves #1211]**

Date of Preparation: December 27, 2000

**MSDS No.**

Revision: 007

**Section 1 - Chemical Product and Company Identification**

**Product/Chemical Name:** Invisible Gloves #1211  
**Chemical Formula:** N/A  
**Other Designations:** None  
**General Use:** Hand protect/Cleaner  
**Manufacturer:** Astral Enterprises, Inc., 534-A Industrial Dr., Woodstock, GA 30189  
**Telephone Number:** 770-529-1570  
**Distributor:** Sun Magic International, 534-A Industrial Dr., Woodstock, GA 30189  
**MSDS Preparer:** George Kordares  
**EPA Registration:** N/A  
**Emergency Phone:** CHEMTREC 1-800-424-9300

<b>H</b>	1
<b>F</b>	0
<b>R</b>	0
<b>PPE†</b>	
†Sec. 8	

**Section 2 - Composition / Information on Ingredients**

Ingredient Name					CAS Number		% wt
Trisodium Phosphate-12H <sub>2</sub> O					10101-89-0		< 5
Sodium Sulfate					7757-82-6		< 5
Glycerine					56-81-5		< 1
Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA (8-hr)	STEL (15-min)	TWA (8-hr)	STEL (15-min)	TWA (10-hr)	STEL (15-min)	
Trisodium Phosphate-12H <sub>2</sub> O	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sodium Sulfate	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Glycerine	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**Section 3 - Physical and Chemical Properties**

**Physical State:** Liquid (Paste)  
**Appearance and Odor:** Yellow with lemon scent.  
**Vapor Pressure:** 14 mm Hg at 20 °C  
**Vapor Density (Air=1):** 1.2  
**Specific Gravity (H<sub>2</sub>O=1):** 1.050  
**Volatile Organic Compounds:**  
 Lbs/Gal: < 0.1  
 Grams/Liter: < 10

**Water Solubility:** Completely at 25 °C  
**Boiling Point:** 240 °F or 116 °C  
**Freezing/Melting Point:** N/A  
**Percent Volatile:** > 90  
**Evaporation Rate (nBuAc=1):** < 1  
**Autoignition Temperature:** N/A  
**Magnetism (milligauss):** N/A  
**Corrosion Rate (in/yr):** N/A

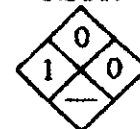
**Section 4 - Fire-Fighting Measures**

**Flash Point:** 250 °F  
**Burning Rate:** N/A  
**Lower Explosion Limit (v/v):** N/A  
**Flammability Classification:** Non-Flammable  
**Extinguishing Media:** Use water spray, fog, foam, dry chemical, or carbon dioxide for surrounding fire.  
**Unusual Fire or Explosion Hazards:** None  
**Hazardous Combustion Products:** Oxides of carbon and oxides of potassium and sodium.  
**Fire-Fighting Instructions:** None  
**Fire-Fighting Equipment:** Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.

**Section 5 - Stability and Reactivity**

**Stability:** Very stable at room temperature in closed containers under normal storage conditions.  
**Polymerization:** Hazardous polymerization will not occur.  
**Chemical Incompatibilities:** Strong oxidizing agents and molten active metals.  
**Conditions to Avoid:** High temperature sources capable of initiating thermal decomposition.  
**Hazardous Decomposition Products:** Oxides of carbon, and oxides of potassium and sodium.

NFPA



**Section 6 - Health Hazard Information****Potential Health Effects**

**Primary Entry Routes:** Ingestion, eyes, skin contact.

**Target Organs:** Skin, eyes.

**Acute Effects**

**Inhalation:** None

**Eye:** Direct contact may cause burning or watering of eyes.

**Skin:** For those with sensitive skin, some irritation may occur after prolonged exposure.

**Ingestion:** Relatively, non-toxic. May cause irritation of the mouth and throat, abdominal discomfort, nausea, vomiting, and diarrhea.

**Carcinogenicity:** None of the ingredients in Sun Magic All Purpose Cleaner are listed as a carcinogen by the IARC, NTP, and OSHA.

**Medical Conditions Aggravated by Long-Term Exposure:** None

**Chronic Effects:** None

**Emergency and First Aid Procedures**

**Inhalation:** Remove an exposed person to fresh air.

**Eye Contact:** Gently lift eyelids and flush with large amounts of water for 15 minutes.

**Ingestion:** Give one or two glasses of water to drink and induce vomiting.

**Section 7 - Spill, Leak, and Disposal Procedures**

**Spill/Leak Procedures:** Notify safety personnel.

**Small Spills:** Sweep and collect in ordinary container and dispose. Rinse area with water.

**Large Spills:** Shovel or sweep into large containers for disposal. Rinse area with water.

**Disposal:** Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

**Disposal Regulatory Requirements:** Send to a permitted waste management facility.

**Container Cleaning and Disposal:** N/A (Containers can be reused after rinsing with water.)

**Ecotoxicity Information:** 48hr EC50 > 5000 mg/Kg (*Daphnia magna*) Non-toxic

**OSHA Regulations:** Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed.

**EPA Regulations:**

RCRA Hazardous Waste Number (40 CFR 261.33): Not listed.

RCRA Hazardous Waste Classification (40 CFR 261.21): Not classified.

CERCLA Reportable Quantity (RQ): Not listed.

**Section 8 - Exposure Controls / Personal Protection**

**Engineering Controls:** None

**Ventilation:** If necessary, provide general or local exhaust ventilation

**Administrative Controls:** None

**Respiratory Protection:** Not required under normal conditions. If necessary, follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator. If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

**Protective Clothing/Equipment:** For those with sensitive skin, wear protective gloves to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

**Safety Stations:** Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

**Contaminated Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse.

**Section 9 - Special Precautions and Comments**

**Handling Precautions:** None

**Storage Requirements:** Store in a cool, dry, well-ventilated area away from heat, ignition sources, and incompatibles (Sec. 5).

**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

**Section 10 - Transportation Information**

**DOT Classification (49 CFR 173):** Not Regulated

**Special DOT Transportation Requirements (49 CFR 172):** None

**Prepared By:** George Kordares, B.S. Chemical Hygiene Officer

**Revision Notes:** None

**Disclaimer:** Although reasonable care has been taken in obtaining accurate information during the preparation of this Material Safety Data Sheet, Astral Enterprises, Inc. extends no warranties, express or implied, makes no representations, and assumes no responsibility as to the accuracy or suitability of such information as it applies to the purchaser's intended purpose or for consequences of its use.