

**SECTION 1 - MANUFACTURER INFORMATION**

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**PREPARATION DATE:** 8/25/97

PREPARER/CONTACT: Donald W. Terry, Sr.

**REVISION DATE:** 8/25/97

**PRODUCT NAME:** PER-SCENT™ CINNAMON (Perfume Additive for Cleaning Solutions)

<b>HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)</b>	
<b>HEALTH..... 1</b>	<b>FLAMMABILITY... 0</b>
<b>REACTIVITY.... 0</b>	<b>PROTECTION..... B</b>

**SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY**

<u>CHEMICAL/COMMON NAME</u>	<u>CAS-NUMBER</u>	<u>%</u>	<u>PEL-OSHA</u>	<u>TLV-ACGIH</u>
PER-SCENT CINNAMON does not contain any hazardous materials as specified.				

**SECTION 3 - PHYSICAL & CHEMICAL DATA**

**BOILING POINT:** 212°F.      **SPECIFIC GRAVITY:**(H<sub>2</sub>O=1)1.03  
**VAPOR PRESSURE (mmHg):** Nil    **VAPOR DENSITY(Air=1):** Unknown  
**SOLUBILITY IN WATER:** Miscible  
**APPEARANCE & ODOR:** An amber liquid with a cinnamon fragrance.  
**pH:** N/A

**SECTION 4 - FIRE & EXPLOSION DATA**

**FLASH POINT:** None    **Method Used:** T.C.C.    **FLAMMABLE LIMITS:** LEL=N/A    UEL=N/A  
**AUTO-IGNITION TEMP:** N/A  
**EXTINGUISHER MEDIA:** CO<sub>2</sub>, Foam, or dry chemical  
**SPECIAL FIREFIGHTING PROCEDURES:** None  
**UNUSUAL FIRE & EXPLOSION HAZARDS:** None

**SECTION 5 - PHYSICAL HAZARD DATA**

**STABILITY:** Stable  
**CONDITIONS TO AVOID:** Heating to decomposition results in release of carbon monoxide & carbon dioxide.  
**INCOMPATIBILITY:**  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide and carbon dioxide.  
**WILL HAZARDOUS POLYMERIZATION OCCUR?:** No

**PRODUCT:** PER-SCENT CINNAMON

**SECTION 6 - HEALTH HAZARD DATA**

**ACUTE:** Skin & eye irritation. **CHRONIC:** May cause skin rashes.

**SIGNS & SYMPTOMS OF EXPOSURE:** Dermatitis.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** May irritate cuts or burns.

**LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN (NTP, IARC, or OSHA)?:** No

**EMERGENCY & FIRST AID PROCEDURES:**

**EYES:** Flush with water for at least 15 minutes. Get prompt medical attention.

**SKIN:** Wash with soap and water. Apply protective cream.

**ROUTES OF ENTRY:**

1. Inhalation: May cause nausea or vomiting.
2. Eyes: Causes irritation and burning to eye lining.
3. Skin: Causes dermatitis and skin irritation.
4. Ingestion: Not a normal route of entry.

**SECTION 7 - SPECIAL PRECAUTIONS & SPILL/LEAK PROCEDURES**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in cool dry place away from open flames. Store bottles with lids securely fastened.

**OTHER PRECAUTIONS:** Use material only as intended. Not to be used on skin as a perfume. Keep away from children.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Absorb with oil type absorbants.

**WASTE DISPOSAL METHODS:** Consult federal, state, and local regulations. Dispose of in approved methods for essential oil type products.

**SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES**

**RESPIRATORY PROTECTION:** None required.

**VENTILATION:**

LOCAL EXHAUST: Exhaust fan with concentrate MECHANICAL: SPECIAL: OTHER:

**PROTECTIVE GLOVES:** Rubber or neoprene gloves.

**EYE PROTECTION:** Chemical safety goggles.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Rubber aprons should be worn to protect against splashes.

**WORK/HYGIENIC PRACTICES:** Always wash hands thoroughly after using product.

**ADDITIONAL COMMENTS:**

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