

<b>HAZARD RATING:</b> 4 - SEVERE 3 - SERIOUS 2 - MODERATE 1 - SLIGHT 0 - MINIMAL	REACTIVITY  FIRE SPECIAL	<h1 style="margin: 0;">MATERIAL SAFETY DATA SHEET</h1>
<b>Name:</b> UHS Cleaner & Restorer (Product Central #109)		<b>Product Number:</b> PC109

**SECTION I: Manufacturer Information**

<b>Manufacturer:</b> M.D. Stetson Company, Inc. <b>Address:</b> 92 York Avenue Randolph, MA 02368 <b>Telephone:</b> 781-986-6161	<b>Emergency Telephone:</b> 1-800-535-5053 <b>Date Prepared:</b> 2/01/02 <b>Supersedes Date:</b> NEW <b>Preparer:</b> Jay C. Chapin
---	--

**SECTION II: Ingredients/Identity Information**

Components	CAS Number	Percent	OSHA PEL	ACGIH TLV
Ethylene glycol monobutyl ether (EGBE)	111-76-2	15-20%	25ppm (skin)	25ppm
Monoethanolamine (ethanolamine)	141-43-5	3.0-5.0	3ppm	3ppm

**SARA Section 313 Toxic Chemicals:** Ethylene glycol monobutyl ether (EGBE) CAS No. 111-76-2

**SECTION III: Physical/Chemical Characteristics**

<b>Boiling Point:</b> ca. 212°F	<b>Vapor Pressure:</b> N/D	<b>pH:</b> 12-13
<b>Specific Gravity:</b> 1.020g/ml	<b>Vapor Density:</b> N/D	
<b>Solubility in Water:</b> Complete	<b>Evaporation Rate:</b> Like water.	
<b>Volatile Organic %:</b> 15-20%	<b>Appearance and Odor:</b> Clear blue liquid with characteristic odor.	

**SECTION IV: Fire and Explosion Hazard Data**

<b>Flash Point:</b> N/D	<b>Flammable Limits:</b> Lower N/A
<b>Extinguishing Media:</b> Water, CO <sub>2</sub> , alcohol foam.	Upper N/A
<b>Special Fire Fighting Procedures:</b> None	
<b>Unusual Fire and Explosion Hazards:</b> Burning containers produce carbon dioxide and carbon monoxide. Hot containers produce vapors that flash.	

**SECTION V: Reactivity Data**

**Stability:**

Unstable      **Conditions to Avoid:** Do not mix with other products.

Stable

**Incompatibility (materials to avoid):** Oxidizers, acids, and chlorine bleach.

**Hazardous Decomposition or Byproducts:** None known

**Hazardous Polymerization:**

May Occur      **Conditions to Avoid:** None known

Will Not Occur

N/A - Not Applicable      N/E - Not Established      N/D - Not Determined      ca. - Approximately

# MATERIAL SAFETY DATA SHEET - Page 2

Product Name: **UHS Cleaner & Restorer**  
(Product Central #109)

Number: PC109

## SECTION VI: Health Hazard Data/First Aid Procedures

Routes of Exposure: Inhalation  Eyes  Skin  Ingestion

**Signs and Symptoms of Exposure:** Irritation and burning of eyes. Skin irritation. Burning of mouth (ingestion). Irritation/choking (inhalation).

### Health Hazards

**Acute:** Severe skin irritant. Causes burning of eyes. Toxic if ingested, inhaled, or absorbed through the skin. Oral LD50 (0.5-3g)/kg; dermal LD50 0.4g/kg for EGBE.

**Chronic:** No adverse effects anticipated for Ethylene glycol monobutyl ether.

**Carcinogenicity:** NTP No IARC Monographs No OSHA Regulated No

**Medical Conditions Generally Aggravated by Exposure:** Existing dermatitis

### Emergency First Aid Procedures

**Inhalation:** Move victim to fresh air. Give artificial respiration if victim is not breathing. Get medical attention.

**Eyes:** Flush with plenty of water for 15 minutes. Get medical attention.

**Skin:** Flush and wash with water. Remove contaminated clothing and wash clothing before reuse. Get medical attention if irritation persists.

**Ingestion:** Drink 2 glasses (16 oz.) of water. Do not induce vomiting. Get medical attention. Use gastric lavage after endotracheal intubation. Never give anything to an unconscious person.

## SECTION VII: Precautions for Safe Handling and Use

**Handling and Storage:** Keep out of reach of children.

**Release or Spill:** Small: Dispose of in approved sewage. Large: Collect and Contain. Do not release product into drains/bodies of water.

**Waste Disposal:** Dispose of in accordance with local, state, and federal regulations.

## SECTION VIII: Control and Protection Measures

**Respiratory Protection:** Use NIOSH approved respirator if used without good ventilation.

**Ventilation:** Good ventilation required.

**Protective Gloves:** Rubber gloves required.

**Eye Protection:** ANSI approved safety goggles required.

**Other Protective Clothing or Equipment:** None required.

**Work/Hygienic Practices:** None required.

## SECTION IX: Transportation (DOT Classification)

**Hazard Class:** Not DOT regulated.

## SECTION X: Other Regulatory Controls

None

N/A - Not Applicable

N/E - Not Established

N/D - Not Determined

ca. - Approximately