

# Material Safety Data Sheet Prepared 10 September 2008

# Section 1 - Product and Company Identification

**Product Name:** Heirloom Essentials, Spotless Cleansing Pretreatment

**Product Code:** 7875 Spotless

Manufacturer: David E. Easterday & Company, Inc.

Address: P.O. Box 332

Mount Eaton, Ohio 44659

(Monday - Friday, 7:30 a.m. to 5:00 p.m. EST)

1-800-322-8172

**Emergency Phone:** 

 Chemtrec Phone:
 1-800-424-9300

 Other Calls:
 (330) 359-0700

 Facsimile:
 (330) 359-0800

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

Ingredient	CAS No.	<u>HAP</u> (Y/N) <u>VC</u>	<u>OC</u> (Y/N)	% by Wt.
ethyl alcohol	64-17-5	No	Yes	6
2-butoxyethanol	111-76-2	No	Yes	4

#### **Section 3 - Hazards Identification**

**Emergency Overview:** This product is a clear liquid with a slight solvent odor. Harmful or fatal if swallowed.

May be harmful to eyes. Avoid contact with eyes. If involved in a fire, this product will release smoke and toxic gases (i.e., carbon monoxide, carbon dioxide). Emergency responders must wear proper personal protective equipment suitable for the

situation to which they are responding.

Routes of Entry: Inhalation, Skin Absorption, Ingestion. Skin Contact. Eye Contact.

Inhalation - May cause severe respiratory irritation, dizziness, weakness, fatigue, nausea, and headache.

Irritation may be delayed for several hours.

**Skin Absorbtion -** Can be absorbed through the skin but exposure must be extensive before adverse health

effects occur. Can be toxic if absorbed through the skin; may cause target organ damage. Minimal hazard in normal industrial use. May cause gastrointestinal discomfort.

**Ingestion -** Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting

and diarrhea.

Skin Contact - Moderately irritating to the skin. Can cause moderate skin irritation, defatting, and dermatitis.

Not likely to cause permanent damage.

Eye Contact - Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye

tissue. Contact with the eyes may cause moderate to severe eye injury. Temporary vision

impairment (cloudy or blurred vision) is possible.

**Medical Conditions Aggravated:** May aggravate pre-existing skin disorders, respiratory disorders, kidney disease,

liver disease, eye disorders, and or gastrointestinal disorders. \\

Carcinogenicity: NTP Carcinogen - None Listed

IARC Monographs - Yes (2-butoxyethanol - Group 3, not classifiable as to carcinogenicity)

OSHA Regulated - None Listed NIOSH - None Listed

**Teratogenicity:** Possible reproductive hazard. A component in this product has been shown to cause birth

defects and reproductive disorders in laboratory animals at doses that could be encountered

in the workplace.

**Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% is

mutagenic.

### **Section 4 - First Aid Measures**

Inhalation: Move victim to fresh air. If not breathing, call 911 (or emergency services number if 911

service is not available) and administer artificial respiration. If breathing is difficult, have a

trained individual administer oxygen. Get medical attention immediately.

Eyes: Immediately flush eyes with plenty of water for at least 20 minutes - opening and closing

eyelids often. Get medical attention immediately.

Skin Contact: Wash with mild soap and water. If clothing is contaminated, remove contaminated clothing

being careful to avoid additional skin contact. Wash contaminated clothing before reuse. Get

medical attention if irritation develops or persists.

**Ingestion:** Do not induce vomiting. Call 911 (or emergency services number if 911 service is not available).

Get medical attention immediately.

### **Section 5 - Fire Fighting Measures**

Flashpoint: > 200 F Method Used: TCC

Lower Flammable/Explosive Limit: n/a Upper Flammable/Explosive Limit: n/a

**Extinguishing Media:** Alcohol Resistant Foam, CO<sub>2</sub>, and Dry Chemical extinguishing agents.

**Special Fire Fighting Procedures:** Firefighters should wear self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to potential of hazardous vapors and

decomposition products.

Unusual Fire and Explosion Hazards: n/a

Sensitive to Static Discharge: n/a

# Section 6 - Accidental Release Measures

Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with a suitable absorbent material. Gather and store in an approved and sealed container pending a waste disposal evaluation.

# Section 7 - Handling and Storage

**Handling:** Use only as directed. Avoid contact with eyes. Use with adequate ventilation.

**Storage:** KEEP OUT OF REACH OF CHILDREN. Isolate from incompatible materials and conditions. Keep container(s) closed.

# Section 8 - Engineering Controls and Personal Protective Equipment

Engineering Controls: Normal ventilation

**Personal Protective Equipment:** 

Respiratory Protection - Not Required

Eye Protection - Not Required

**Skin Protection -** Wash hands and other exposed areas with mild soap and water before eating,

drinking, and when finished using the product.

# **Section 9 - Physical and Chemical Properties**

Physical StateliquidOdorslight solvent

Solids, Wt % (calc.) <1
Material VOC, lbs/gal (calc.) 0.90
Coating VOC, lbs/gal (calc.) 6.96
Weight per gallon (calc.) 8.16
VHAPs, lbs/lb of solids (calc.) n/a

# Section 10 - Stability and Reactivity

Stability: Stable under normal conditions.

Conditions to Avoid: n/a

**Incompatibility (Materials to Avoid):** Strong oxidizing agents. Strong acids. Peroxides.

Hazardous Decomposition or Byproducts: Carbon monoxide, Carbon dioxide.

Hazardous Polymerization: Will not occur.

### **Section 11 - Toxicological Information**

Ingredient CAS No. LC<sub>50</sub>/LD<sub>50</sub>/IDLH

ethanol 64-17-5 LC50 Rat - 16,000 ppm/8 hrs; LD50 Rat - 6.2 to 17.8 g/kg;

IDLH - 3,300 ppm (10% of LEL)

2-butoxyethanol 111-76-2 LC50 Mouse - 700 ppm/7 hrs; LD50 Rat - 1,746 mg/kg;

IDLH - 700 ppm

**Target Organ Acute Toxicity** 

ethanol eyes, skin, respiratory system, CNS, liver, blood, reproductive system 2-butoxyethanol eyes, skin, resp sys, CNS, hepato sys, blood, kidneys, liver, lymph sys

### **Section 12 - Ecological Information**

Overview: No data available. No ecological information available.

### **Section 13 - Disposal Considerations**

**Waste Disposal Method:** Whatever cannot be recovered, reused, or recycled in an appropriate manner should be disposed of at an approved waste facility. Processing, use or contamination of this product may change the the waste management options. Dispose of container and unused contents in accordance with applicable federal, state and local laws and regulations.

## Components Subject to EPA Land Ban Restrictions:

None Listed

# **Section 14 - Transportation Information**

U.S. Department of Transportation Proper Shipping Name: Not Regulated

Title 49 CFR, Subchapter C Hazard Class: n/a
I.D. Number: n/a
Packing Group: n/a

Emergency Response Guidebook (2004) Guide Number: 171

#### **Section 15 - Regulatory Information**

Sara 313 Reportable:

Chemical CAS No. Wt. %

None Listed

### **Section 16 - Other Information**

To the best of our knowledge, the information and recommendations contained herein were believed to be accurate at the time of preparation, or obtained from sources believed to be reliable. However, it is the user's responsibility to determine safety, toxicity, and suitability for his own use of the product. No warranties of any kind, either expressed or implied, including fitness for a particular purpose, are made regarding the product described, data or information set forth. In no case shall the descriptions, information or data provided be considered as part of our terms and conditions of sale. The descriptions, information and data furnished herein are given gratis. No obligation or liability for the descriptions, information and data given are assumed. All such being given and accepted at your risk.

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