



**Safety Data Sheet**  
Revised 12 September 2016

## 1. Identification

**Product Name:** Heirloom Essentials Spotless Cleanser Concentrate  
**Product Codes:** n/a

**Recommended Use:** Surface Cleanser

**Emergency Phone:** 1-800-322-8172  
(Monday - Friday, 7:30 a.m. to 5:00 p.m. EST)

**Manufactured By:** David E. Easterday & Company, Inc.  
1225-C US 62  
Wilmot, Ohio 44689

**Chemtrec Phone:** 1-800-424-9300  
**Other Calls:** (330) 359-0700  
**Facsimile:** (330) 359-0800

## 2. Hazards Identification

**Classification:** Flammable Liquid 3, Skin Irritant 3, Eye Irritant 2A, Acute Toxicity 5, Mutagenicity 2, STOT-SE 3 NE

**Signal Word:** Warning

**Hazard Statements:**

H226	Flammable liquid and vapour
H316	Causes mild skin irritation
H319	Causes serious eye irritation
H333	May be harmful if inhaled
H303	May be harmful if swallowed
H341	Suspected of causing genetic defects
H335	May cause respiratory irritation

**Symbols:**



**Precautionary Statements:**

Prevention

P101 If medical advice is needed: Have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.  
P233 Keep container tightly closed.  
P240 Ground and bond container and receiving equipment.

- P241 Use explosion-proof electrical/ventilating/lighting/equipment.
- P242 Use non-sparking tools.
- P243 Take action to prevent static discharges.
- P261 Avoid breathing fumes/gas/mist/vapours/spray.
- P264 Wash hands thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

- P303+P361 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- +P353
- P370+P378 In case of fire: Use alcohol resistant foam, CO<sub>2</sub>, and dry chemical extinguishing agents.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
- P305+P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to
- +P338 do. Continue rinsing.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P304+P312 IF INHALED: Call a POISON CENTER/doctor if you feel unwell.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P308+P313 IF exposed or concerned: Get medical advice/attention.

Storage

- P403+P233 Store in a well-ventilated place. Keep cool.
- +P235
- P405 Store locked up.

Disposal

- P501 Dispose of contents/container in accordance with applicable federal, state, and local laws and regulations.

**3. Composition/Information on Ingredients**

<u>Ingredient</u>	<u>CAS No.</u>	<u>HAP (Y/N)</u>	<u>VOC (Y/N)</u>	<u>% by Wt.</u>
ethyl alcohol	64-17-5	No	Yes	30
2-butoxyethanol	111-76-2	No	Yes	25
isopropanol	67-63-0	No	Yes	6

**4. First-Aid Measures**

- Eye Contact** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Skin Contact** IF ON SKIN (or hair): Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.
- Ingestion** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
- Inhalation** IF INHALED: Remove person to fresh air and keep comfortable for breathing.

## 5. Fire-Fighting Measures

**Extinguishing Media:** Alcohol Resistant Foam, CO<sub>2</sub>, 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:** Solvent vapors are heavier than air and may travel a considerable distance to a source of ignition and then flash back. Avoid accumulation of water. Solvent may float and reignite on surface of water. Closed containers may explode due to pressure build-up when exposed to extreme heat. Use water spray/fog for cooling. Do not cut, drill, grind, or weld near containers - even when empty. Residual product or vapors may ignite or explode.

**Sensitive to Static Discharge:** Appropriate grounding and bonding procedures should be followed when storing, transferring and applying this product to eliminate a build-up of static charge.

## 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.

## 7. Handling and Storage

**Handling:** Rags or other materials containing this product may oxidize and ignite. All contaminated materials should be isolated immediately to avoid spontaneous combustion. Iron oxide pigments may accelerate this process. Use spark-proof tools and explosion-proof equipment. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Wash hands thoroughly after handling. Contents may develop pressure upon prolonged storage. Avoid contact with material. Avoid contact and avoid breathing vapors and fumes. Use only in a well ventilated area.

**Storage:** Keep away from sources of ignition. Keep away from heat, sparks, and flame. Keep from freezing. Keep container closed when not in use. Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. DO NOT store in unlined steel drums as this product is acidic and will react generating hydrogen gas. Store in lined, plastic, or glass containers.

## 8. Exposure Controls/Personal Protection

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH TLV-STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA CEILING</u>
ethyl alcohol	1000 ppm	N.D	1000 ppm	N.D.
2-butoxyethanol	20 ppm	N.D.	50 ppm	N.D.
isopropanol	200 ppm	400 ppm	400 ppm	N.D.

N.D. - Not Determined <sup>1</sup>ceiling value

**Engineering Controls:** Check applicable ventilation codes. Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure.

### Personal Protective Equipment:

**Respiratory Tract** - Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for

respiratory protection (Z88.2-1992). A written respiratory protection program, including provisions for medical evaluation, training, fit testing, exposure assessments, maintenance, inspection, cleaning and convenient, sanitary storage should be implemented.

**Eyes** - Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.

**Skin** - Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving the jobsite.

## 9. Physical and Chemical Properties

<b>Appearance</b>	Blue liquid	<b>Vapor Pressure</b>	Not determined
<b>Odor</b>	mild solvent	<b>Vapor Density</b>	Not determined
<b>Odor Threshold</b>	Not determined	<b>Relative Density</b>	0.96
<b>pH</b>	Not determined	<b>Solubility</b>	Not determined
<b>Melting/Freezing Point</b>	Not determined	<b>Partition Coefficient, n-octanol/water</b>	Not determined
<b>Initial Boiling Point</b>	108 °F (42 C°)	<b>Auto-Ignition Temp.</b>	Not determined
<b>Boiling Range</b>	Not determined	<b>Decomposition Temp.</b>	Not determined
<b>Flashpoint</b>	134 °F (57 C°)	<b>Viscosity</b>	Not determined
<b>Evaporation Rate</b>	Not determined	<b>Material VOC:</b>	8.05 lbs/gallon
<b>UEL/LEL</b>	Not determined		

## 10. Stability and Reactivity

**Stability:** Stable under normal conditions.

**Conditions to Avoid:** No specific data.

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

**Hazardous Decomposition or Byproducts:** Carbon monoxide, Carbon dioxide.

**Hazardous Polymerization:** Will not occur.

## 11. Toxicological Information

<u>Ingredient</u>		<u>LC<sub>50</sub></u> <u>ppm</u>	<u>LD<sub>50</sub></u> <u>mg/kg</u>	<u>IDLH</u> <u>ppm</u>	<u>Potential Carcinogen</u>
ethyl alcohol	64-17-5	20000 (10 hr)	7,060	3,300	
2-butoxyethanol	111-76-2	2,900 (7 hr)	250	700	IARC, Group 3
isopropanol	67-63-0	12000 (8 hr)	5045	2,000	IARC, Group 3

<sup>1</sup>N.D. - Not Determined

**Primary Routes of Entry** eyes, skin, respiratory tract, gastrointestinal tract

## 12. Ecological Information

**Overview:** No data available. No ecological information available.

## 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 waste management options. Dispose of container and unused contents in accordance with applicable federal, state and local laws and regulations.

**EPA:** If disposed, this coating is considered a RCRA ignitable waste, D001.

**Components Subject to EPA Land Ban Restrictions:** None

## 14. Transport Information

<b>U.S. Department of Transportation</b> Title 49 CFR, Subchapter C	<b>Proper Shipping Name:</b> <b>Hazard Class:</b> <b>I.D. Number:</b> <b>Packing Group:</b>	Petroleum Distillates, N.O.S. Combustible Liquid UN 1268 n/a
<b>Emergency Response Guidebook (2012)</b>	<b>Guide Number:</b>	128

## 15. Regulatory Information

**Sara 313 Reportable:**

<u>Chemical</u>	<u>CAS No.</u>
None	n/a

## 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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Date of preparation or last revision: 12 September 2016