

# Material Safety Data Sheet

## Section 1. Chemical Product and Company Identification

|                                   |   |
|-----------------------------------|---|
| <b>Product Name/Trade Name</b>    | Vinegar Cleaner   |
| <b>Manufacturer:</b>              | Champion Packaging & Dist. Inc<br>1840 Internationale Parkway<br>Woodridge, IL. 60517 |
| <b>Contact Number:</b>            | Tel: 630-972-0100   |
| <b>24 Hour Emergency Contact:</b> | Tel: 1-800-535-5035   |
| <b>Prepared By:</b>               | Champion Packaging & Dist. Inc  |
| <b>Date Last Revised:</b>         | <b>October 8, 2012</b>  |
| <b>Replaces Date:</b>             | New   |

## Section 2 Hazardous Ingredients

| Name          | %         | CAS#    | LD50/LC50  |
|---------------|-----------|---------|--|
| Ethyl Alcohol | 1.0 – 3.0 | 64-17-5 | ORL-RAT LD50 7060 mg kg <sup>-1</sup> IHL-RAT LC50 20000 ppm/10h |
| Acetic Acid   | <1.0%     | 64-19-7 | n/a  |

## Section 3. Physical Data

|                         |                 |                       |         |
|-------------------------|-----------------|-----------------------|---------|
| <b>State</b>            | Liquid          | <b>pH</b>             | 5.0-7.0 |
| <b>Appearance</b>       | Clear Colorless | <b>% Volatile</b>     | 97.0 %  |
| <b>Odour</b>            | Fresh           | <b>Boiling Point</b>  | N Av.   |
| <b>Specific Gravity</b> | 1.00 – 1.010    | <b>Vapor Pressure</b> | N Av.   |
| <b>Solubility</b>       | 100% in water   |                       |         |

## Section 4. Fire & Explosion

|   |
|---|
| <b>Flammable:</b> YES      NO X   |
| <b>Means of Extinction:</b> Water, Carbon Dioxide, Dry Chemical or Foam |
| <b>Special Procedures:</b> n/a  |
| <b>Flash Point: &amp; Method:</b> > 95°C TCC                            |
| <b>Hazardous Combustion Products:</b> Oxides of Carbon                  |

## Section 5. Reactivity Data

|  |
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| <b>Chemical Stability:</b> YES    X    NO      |
| <b>Conditions:</b> N Ap                        |
| <b>Incompatibility:</b> YES X      NO          |
| <b>What Substances:</b> Strong Acids           |
| <b>Reactivity / Conditions:</b> Not Applicable |
| <b>Hazardous Decomposition Products:</b> N Av. |

## VINEGAR CLEANER

### Section 6. Toxicological Properties

#### Route of Entry

|                  |   |                    |             |   |
|------------------|---|--------------------|-------------|---|
| Skin Contact     | X | Skin Absorption    | Eye Contact | X |
| Inhalation Acute | X | Inhalation Chronic | Ingestion   | X |

**Effects of Acute Exposure:** Contact will burn the eyes. Harmful if swallowed, will cause burning of the mouth

**Effects of chronic exposure:** Prolonged and repeated exposure with skin may cause drying, irritation, and dermatitis.

**Carcinogenicity Reproductive Effects Teratogenicity Mutagenicity:** No known effects.

### Section 7. Preventative Measures

|   |                                 |
|---|---------------------------------|
| <b>Protective Equipment</b>   |                                 |
| <b>Gloves:</b> Wear for prolonged exposure  | <b>Eyes:</b> Safety Glasses     |
| <b>Respiratory:</b> Not normally required.  | <b>Footwear:</b> Not Applicable |
| <b>LEAK AND SPILL PROTECTION:</b> FOR SMALL SPILLS WIPE UP OR MOP UP. For large spills control spill with absorbent; transfer to non-leaking containers. Rinse area thoroughly. |                                 |
| <b>WASTE DISPOSAL:</b> Reclaim or dispose in accordance with local regulations.   |                                 |
| <b>STORAGE REQUIREMENTS:</b> Store in a cool, dry and well-ventilated area.   |                                 |

### Section 8. First Aid Measures

|  |
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| <b>Skin:</b> Wash with soap and water  |
| <b>Eyes:</b> Remove contact lenses, flush eyes with cool running water holding eyelids apart to ensure thorough rinsing for 15 minutes. See a doctor immediately.      |
| <b>Inhalation:</b> Move to fresh air and restore breathing, if required.   |
| <b>Ingestion:</b> DO NOT INDUCE VOMITING! Drink large amounts of water. Do not give anything by mouth to a convulsing or unconscious person. See a doctor immediately. |
| <b>General Advice:</b> If irritation occurs, see a doctor immediately.   |

### Section 9. Regulatory Information

#### WHMIS:

**Health: 1**

**Flammability: 0**

**Reactivity: 0**

|                                      |
|--------------------------------------|
| <b>Transportation:</b> Not regulated |
|--------------------------------------|

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