

**Material Safety Data Sheet Date Prepared: 07/31/03 Supercedes Date: 03/29/01**

**1. CHEMICAL PRODUCT AND COMPANY DESCRIPTION**

VIN-DOTCO, INC.  
2875 MCI Drive  
Pinellas Park, Fl. 33782-6105

**Emergency Phone Numbers:**

727-217-9200 or  
Chem-Tel, Inc. 1-800-255-3924 after 5pm

**Chemical Name or Synonym**

**Really Works ® Power Towels**

**2. COMPOSITION/INFORMATION AND INGREDIENTS**

<b>Component</b>	<b>CAS Reg. Number</b>	<b>OSHA Hazard</b>	<b>Percentage</b>
Ethyl Alcohol	64-17-5	Flammable Liquid	5-15%

This product is not restricted by IATA Dangerous Goods regulations as per section 4 A58 "An aqueous solution containing 24% or less alcohol by volume is considered "Non-Dangerous".

Other proprietary ingredients protected by trade secret. Disclosures filed with appropriate national government authorities.

**3. HAZARDS IDENTIFICATION**

**A. Emergency Overview:** Individual ingredients not considered carcinogenic by NTP, OSHA or IRAC. Components are not considered hazardous by ingestion but are capable of producing gastrointestinal irritation and upset.

**Physical Appearance and Odor**

White opaque liquid with a sweet orange odor, impregnated on a dual texture orange colored cellulose towel, or a white bonded cellulose towel.

**Warning Statements:**

**B. Potential Health Effects:**

**Acute Eye:** Eye Irritation consistent with a soap and solvent based product.

**Acute Skin:** None.

**Acute Inhalation:** Not applicable

**Acute Ingestion:** Capable of irritation to the gastrointestinal tract with vomiting and diarrhea possible. Vomiting poses the risk of aspiration pneumonia due to solvent content of product.

**Chronic Effects:**

No known Chronic Effects

#### **4. FIRST AID MEASURES**

##### **FIRST AID MEASURES FOR ACCIDENTAL EXPOSURE:**

**Eye Exposure:** Flush with flowing water at least 15 minutes, contact physician if irritation persists.

**Skin Exposure:** Not Applicable

**Inhalation:** Not Applicable

**Ingestion:** Give water to dilute the substance, contact a physician immediately.

**NOTES TO PHYSICIAN:** If product is swallowed possible aspiration pneumonia is a complication that may require prompt medical intervention similar to the treatment for ingestion of hydrocarbon solvents. This product exhibits a low human toxicity risk however.

#### **5. FIRE FIGHTING MEASURES**

**Note:** values indicated below are as determined for the cleaning solution as applied to the towels.

**Fire Hazard Data:** Although product exhibits a flash point, the blended components which comprise this finished product do not sustain combustion (burning) in normal use due to the presence of non-flammable ingredients.

**Flash Point:** 125F Pensky Martins Closed Cup

**Flammability Limits (vol/vol%)**

**Lower:**

**Upper:**

Product is not flammable

**Extinguishing Methods:** Dry Chemical, Foam or CO2 if residual ingredients are burning following thermal decomposition.

**Special Fire Fighting Procedures:** None

**Unusual Fire and Explosion Hazards;** None

**Hazardous Decomposition Materials (Under Fire Conditions) :** Oxides of Nitrogen, Sulfur, and Carbon may form as thermal decomposition products.

#### **6. ACCIDENTIAL RELEASE MEASURES**

**Evacuation Procedures and Safety:** No special evacuation requirements, breathing protection required when approaching containers under fire conditions.

**Containment of Spill:** If spill is large dike off, in a containment area and scoop up into disposal containers. Product is biodegradable and may be safely disposed of in a landfill or at an incineration facility. Residual product may be rinsed off to drains with water.

**Cleanup and Disposal of Spills:** Small spills may be wiped up with an absorbent towels. Large spills should be contained absorbed and placed in suitable containers for disposal. Incinerate or landfill waste in a properly permitted facility complying with federal, state and or local regulations.

**Environmental and Regulatory Information:** Product is not subject to regulation in the USA. Product is completely biodegradable.

## **7. HANDLING AND STORAGE**

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### **Minimum/Maximum Storage Temperatures:**

**Handling:** 40-120F (5-50C)

**Storage:** Between 40-120F (5-50C) in original containers. DO NOT FREEZE.

## **8. EXPOSURE CONTROL/PERSONAL PROTECTION**

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**Exposure Guidelines:** None applicable

**Engineering Controls:** None Required

**Respiratory Protection:** Not required.

**Eye/Face Protection:** None required, avoid direct eye contact however.

**Skin Protection:** Not required.

## **8. EXPOSURE AND CHEMICAL PROPERTIES**

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**Physical Appearance:** White Opaque Liquid

**Odor:** Mild sweet orange.

**pH:** 6.0 to 8.0

**Specific Gravity:** (H<sub>2</sub>O=1) : 0.99 @ 20C

**Water Solubility:** Dissolves completely, forms stable emulsion at higher concentrations in water.

**Freezing Point :** -4 Celsius

**Boiling Point Range:** 93-101C approximately)

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

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**Vapor Pressure:** (mm Hg @ 68F) : Not Available

**Vapor Density:** (Air=1) : 0.7

## **10. STABILITY AND REACTIVITY**

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**Chemical Stability:** Stable

**Conditions To Be Avoided:** Do not store above 102F (40 Celsius)

**Materials/Chemical To Be Avoided:** Oxidizing Agents

**The Following Hazardous Decomposition Products Might Be Expected:**

**Decomposition Type:** Oxides of Nitrogen, Sulfur, and Carbon

**Hazardous Polymerization:** Will Not Occur.

## **11. TOXICOLOGICAL INFORMATION**

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Based on the known toxicity profile of the components utilized in its manufacture, this product is not known to be toxic at **any** concentration.

## **12. ECOLOGICAL INFORMATION**

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**Ecotoxicological Information:** Environmentally Non-Toxic

**Chemical Fate Information:** Influence of oxygen, microorganisms, and sunlight serve to biodegrade this product to inorganic salts (complete mineralization) conditions, carbon dioxide, and water. Oxygen is required for this biodegradation process. Oxygen will deplete from waters that have received a large amount of this product in its concentrated form

## **13. Chemical Information**

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**Waste Disposal Method:** Landfill or rinse to sewage treatment facility.

**Container Handling and Disposal:** Store in original containers, dispose as non-hazardous waste.

**EPA Hazardous Waste:** Not EPA Hazardous.

## **14. TRANSPORTATION INFORMATION**

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**Transportation Status:** **IMPORTANT** Statements below provide additional data in listed DOT Classification.

**US Department of Transportation**

**Shipping Name:** Not regulated for transport.

**Ingredients not classified in ADR/RID, and/ADNR, IMDG, IATA/ICAO-DGR.**

**15. REGULATORY INFORMATION**

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**Inventory Status: Ingredients Listed on TSCA, EINECS,DSL,ENCS (Japan), Korea, Australia, China, PICCS (Philippines).**

**Other Federal Regulations:** All ingredients listed on TSCA inventory.

**California:** VOC content 180gm/l

**State Regulations:** None Applicable

**16. OTHER INFORMATION**

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**National Fire Protection Association Hazard Rating—NFPA(R):0, 1, 0**

**National Paint and Coating Hazardous Materials Identification System—HMIS(R):0, 1, 0**

**Disclaimer:** While Vin-Dotco Inc., believes the data set forth herein are accurate as of the date hereof, Vin-Dotco, Inc. makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Compliance with all applicable federal, state, and local laws and regulations remains the responsibility of the user.