

# MATERIAL SAFETY DATA SHEET

Betty Mills Co., L.L.C.  
2121 S. El Camino Real, #D-100  
San Mateo, CA 94403



GENERAL INFORMATION NUMBER: (414) 354-6417  
CHEMTREC: (800) 424-9300

REVISION DATE: April 5, 2005  
DATE OF ISSUE: April 5, 2005

## I - Product Identification

### Heavy Duty Hand Towels/All Purpose Cleaner Wipes

PRODUCT CODE: 1539

CHEMICAL FORMULATION: Premoistened cleaning towel.

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0  
HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

## II - Hazardous Ingredients

Values reported as TWA unless noted.

SUBSTANCE	APPROX	OSHA	ACGIH	EPA 40 CFR:			CAS #
	%	PEL	TLV	302	355	372	
Sodium xylene sulfonate	<2.00	N/E	N/E	N	N	N	1300-72-7
d-Limonene	<2.00	N/E	N/E	Y	N	N	5989-27-5
Ethoxylated alkyl amine	<2.00	N/E	N/E	N	N	N	68478-95-5
Linear alcohol ethoxylate	<2.00	N/E	N/E	N	N	N	34398-01-1
Diazolidinyl urea	<2.00	N/E	N/E	N	N	N	78491-02-8

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling level STEL: Short Term Exposure Limit  
N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No  
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).  
355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).  
372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

## III - Physical Data

BOILING POINT (°F): N/D SPECIFIC GRAVITY (WATER = 1): 0.999\*  
VAPOR PRESSURE (mm Hg): N/D VOC CONTENT (% by weight): 1.00-5.00\*  
VAPOR DENSITY (AIR = 1): N/D EVAPORATION RATE (WATER = 1): N/D  
SOLUBILITY IN WATER: Soluble\* pH: 8.0-9.0\*  
APPEARANCE AND ODOR: Purple cloth impregnated with a clear; water white liquid; citrus scent.

\*Tested using the liquid component of the towelette.

## IV - Fire and Explosion Hazard Data

FLASH POINT (°F): > 200\* (TEST METHOD): Closed cup  
FLAMMABLE LIMITS IN AIR (VOLUME %) UPPER: N/D LOWER: N/D  
EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical.  
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with full protective gear including self-contained breathing apparatus.  
UNUSUAL FIRE AND EXPLOSION HAZARD: None

**V - Reactivity Data**

**STABILITY:** Stable.

**INCOMPATIBILITY:** Strong acids.

**CONDITIONS TO AVOID:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce oxides of carbon.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** None.

**VI - Health Hazard Data**

**ROUTES OF ENTRY**      **INHALATION:**      **EYE CONTACT:** X      **SKIN CONTACT:** X      **INGESTION:**  
**INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS:** None

**EFFECTS OF OVEREXPOSURE**

**IF IN EYES:** Mild irritation and redness.

**IF ON SKIN:** Irritation, dermatitis with prolonged exposure.

**IF SWALLOWED:** Gastrointestinal irritation, nausea, cramps, vomiting.

**IF INHALED:** None known under normal use.

**EMERGENCY AND FIRST AID PROCEDURES**

**IF IN EYES:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention, if irritation persists.

**IF ON SKIN:** Flush with water. If irritation persists, obtain medical attention.

**IF SWALLOWED:** Contact physician or poison center immediately. Give person several glasses of water. Never give anything by mouth to an unconscious person.

**IF INHALED:** Remove person to fresh air.

**VII - Spill or Leak Protection**

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container. Flush residue with water.

**WASTE DISPOSAL METHOD:** Consult local environmental authorities.

**VIII - Special Protection Information**

**RESPIRATORY PROTECTION:** None.

**VENTILATION**

**LOCAL:** Not required

**MECHANICAL:** Not required

**PROTECTIVE GLOVES:** None required under normal use.

**EYE PROTECTION:** None required under normal use.

**OTHER PROTECTIVE EQUIPMENT:** None.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool dry place. Keep container tightly closed when not in use.

**OTHER PRECAUTIONS:** Keep out of reach of children.

**IX - Transportation Information (ground transportation only)**

**DOT PROPER SHIPPING NAME:** None

**DOT CLASS:** None

**DOT ID NUMBER:** None

**DOT PACKING GROUP:** None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

REVISION DATE: April 5, 2005

Prepared by: Technical Dept.

DATE OF ISSUE: April 5, 2005

This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Total Solutions assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material such vendees or users assume all risks associated with the use of this material.