

# MATERIAL SAFETY DATA SHEET

Betty Mills Co., L.L.C.  
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San Mateo, CA 94403



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

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## I - Product Identification

### Stainless Steel Cleaner Wipes

PRODUCT CODE: 1549

CHEMICAL FORMULATION: Premoistened cleaning towel.

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 1

FLAMMABILITY: 2

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 PEL	ACGIH TLV	EPA 40 CFR:			CAS #
				302	355	372	
d-Limonene	25.0-35.0	N/E	N/E	Y	N	N	5989-27-5
Hydrotreated Light Distillate	35.0-45.0	N/E	N/E	N	N	N	64742-47-8

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): 0.82

VAPOR PRESSURE (mm Hg): N/D

VOC CONTENT (% by weight): 25.0-30.0

VAPOR DENSITY (AIR = 1): N/D

EVAPORATION RATE (WATER = 1): >1.0\*

SOLUBILITY IN WATER: Insoluble\*

pH: N/A

APPEARANCE AND ODOR: Purple cloth impregnated with a clear, yellow liquid; citrus scent.

\*Tested using the liquid component of the towelette.

## IV - Fire and Explosion Hazard Data

FLASH POINT (°F): 150\*

(TEST METHOD): Closed cup

FLAMMABLE LIMITS IN AIR (VOLUME %)

UPPER: N/E

LOWER: N/E

EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARD: None

\*Tested using the liquid component of the towelette.

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**V - Reactivity Data**

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**STABILITY:** Stable

**INCOMPATIBILITY:** Oxidizers.

**CONDITIONS TO AVOID:** Excess heat and open flame.

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

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** None

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**VI - Health Hazard Data**

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**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:** Moderate to severe irritation and redness.

**IF ON SKIN:** Redness, dryness and irritation, with prolonged or repeated exposure. Contains a possible sensitizer.

**IF SWALLOWED:** Not expected to be a route of exposure. Has the potential to be harmful or fatal if the liquid is swallowed. Can enter lungs and cause damage.

**IF INHALED:** No hazard 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. If irritation persists, obtain medical attention.

**IF ON SKIN:** Wash with soap and water. If irritation persists, obtain medical attention.

**IF SWALLOWED:** Contact physician or poison control center immediately. Rinse mouth with water. Do not induce vomiting. Never give anything to an unconscious person.

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

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**VII - Spill or Leak Protection**

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**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Ventilate area. Remove all sources of ignition. Soak up material with inert absorbent material and place in a labeled closed container for disposal.

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

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**VIII - Special Protection Information**

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**RESPIRATORY PROTECTION:** Use with adequate ventilation.

**VENTILATION**

**LOCAL:** Recommended

**MECHANICAL:** Not required

**PROTECTIVE GLOVES:** Chemical resistant.

**EYE PROTECTION:** Safety glasses.

**OTHER PROTECTIVE EQUIPMENT:** None.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place away from heat or open flame. Keep container tightly closed when not in use.

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

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

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**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.

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