

# Procter & Gamble

## MATERIAL SAFETY DATA SHEET

MSDS Identifier

Vicks VapoSteam

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SECTION I – CHEMICAL / PRODUCT AND COMPANY IDENTIFICATION		
<b>THE PROCTER &amp; GAMBLE COMPANY</b> Health Care Research Center 8700 Mason-Montgomery Road Mason, OH 45040-9462	<u>RATING KEY</u> 4=EXTREME 3=HIGH 2=MODERATE 1=SLIGHT	<b>Hazard Rating</b> Health: 1 Flammability: 4 Reactivity: 0
<b>EMERGENCY PHONE:</b>	Transportation Emergency (24 hour) Telephone Number: CHEMTREC: 1-800-424-9300 in the U.S. and Canada; 1-703-527-3887 for calls originating elsewhere or call the Poison Control Center	Prepared by: Jill Karner, CIH Issue Date: November 23, 2011 Last Reviewed: 8/31/2007
<b>Material Name:</b>	Vicks VapoSteam	

SECTION II – COMPOSITION AND INGREDIENTS			
Hazardous ingredients as defined by OSHA, 29 CFR 1910.1200, and/or WHMIS under the HPA. These substances are listed because in their pure bulk form, they meet the OSHA definition of hazardous. Any hazards associated with this finished product are listed in Section III of this MSDS.			
<b>Principal Hazardous Components:</b>	<b>CAS Number</b>	<b>Conc. %</b>	<b>Exposure Limit/LC50/LD50</b>
Alcohol	64-17-5	60 – 80	1,000 ppm (ACGIH)
Camphor	76-22-2	3 – 7	2 ppm (ACGIH)
Laurithyl	9002-92-0	1 – 5	Oral LD50 rat 1,000 mg/kg

SECTION III – HAZARDS IDENTIFICATION	
<b>Emergency Overview:</b> This mixture is a product regulated by the FDA. Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]; this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions.	
<b>Eye:</b>	May produce transient eye irritation.
<b>Skin:</b>	May produce transient skin irritation.
<b>Inhalation:</b>	Can cause mild respiratory irritation.
<b>Ingestion:</b>	Ingestion of large amounts may produce signs of stomach irritation. .

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SECTION IV – FIRST AID MEASURES	
<b>Eye:</b>	Transitory irritation is expected with accidental exposure to the eye and/or eyelid. Routine eye flush is recommended along with careful follow-up to assure that the product has been completely removed and the irritation is clearing. If irritation is extreme or persists, see a physician.
<b>Skin:</b>	Avoid contact with broken or damaged skin. If irritation persists, see a physician.
<b>Inhalation:</b>	None
<b>Ingestion:</b>	Do not induce vomiting. Dilute with fluids (water or milk) and treat symptomatically.
<b>Additional First Aid Measures:</b> None	

SECTION V – FIRE FIGHTING MEASURES			
<b>Flash Point:</b>	61° F	<b>Flash Point test method:</b>	Closed cup
<b>Auto-ignition Temperature:</b>	<input type="checkbox"/> Not applicable <input checked="" type="checkbox"/> Not available <input type="checkbox"/> deg. C <input type="checkbox"/> deg F.	<b>Flammable Limits (% by volume in air)</b>	LEL        % N/A UEL        % N/A
<b>Extinguishing Media:</b>	Carbon dioxide, foam or dry powder.		
<b>Explosion Hazards:</b>	Flammable liquid		
<b>Special Instructions:</b>	None		

SECTION VI – ACCIDENTAL RELEASE MEASURES	
<b>Personal Safeguards:</b>	Eliminate all sources of ignition.
<b>Environmental Precautions:</b>	Eliminate all sources of ignition. Absorb spills with inert material.
<b>Spill Clean-up Procedures:</b>	<i>Household:</i> Safe to dispose of in refuse. <i>Industrial Setting:</i> Soak up with absorbent, shovel into waste container, flush area with soap and water. Dispose in accordance with all regulations.

SECTION VII – HANDLING AND STORAGE	
<b>Recommended Storage Temperature:</b>	Store at room temperature
<b>Personal Precautions for Safe Storage and Handling:</b>	Avoid contact with eyes. Use spark-proof tools.
<b>Conditions for Safe Storage:</b>	Eliminate sources of ignition. Avoid contact with strong oxidizers.
<b>Other Precautions:</b>	None known

SECTION VIII – EXPOSURE CONTROLS, PERSONAL PROTECTION	
This section only applies to the product when used in an <u>industrial setting</u> .	
<b>Ventilation:</b>	Local exhaust ventilation may be needed for control.
<b>Eye Protection:</b>	Wear safety glasses with side shields.
<b>Respiratory Protection:</b>	Respiratory protection may be needed if above the exposure guideline for alcohol.
<b>Skin Protection:</b>	Nitrile or PVC gloves are recommended.
<b>Other Special Protection:</b>	None known

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SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES			
Appearance / Color:	Clear, almost colorless oily liquid	Melting Point:	Not available
Odor:	Menthol/camphor – like	Boiling Point:	Not available
Odor Threshold:	Not available	Solubility in Water:	Soluble
Physical State:	Liquid	Vapor Pressure (mm Hg):	Not available
Vapor Density:	Not available	Specific Gravity (H <sub>2</sub> O=1):	~ 0.84 g/ml
pH:	Not available	Other Data:	Product complies with State and Federal regulations for VOC content.

SECTION X – STABILITY AND REACTIVITY	
Stability:	Stable
Possibility of Hazardous Reaction:	None known
Incompatibility: (Materials to avoid)	None known
Hazardous Decomposition Products:	None known

SECTION XI – TOXICOLOGICAL INFORMATION	
Chronic Effects:	No chronic health effects reported.
Target Organs:	No target organs reported.
Carcinogenicity:	This finished consumer product is not carcinogenic.
NTP:	No
IARC:	No

SECTION XII – ECOLOGICAL INFORMATION
<p>Relevant ecotoxicity and fate data for ingredients in this formulation have been reviewed. Under normal and foreseeable consumer uses, there are no concerns for aquatic organisms exposed to product ingredients at the anticipated environmental concentrations. The product is compatible with down-the-drain disposal routes, including municipal wastewater treatment processes and septic tank systems. This product is intended for dispersive use and should not be disposed of directly into the environment.</p>

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SECTION XIII – DISPOSAL CONSIDERATIONS	
<p><b>Waste Disposal Method:</b> Disposal is to be performed in compliance with Federal, State/Provincial and Local regulations. This material is considered a D001 Ignitable Waste according to the United States Resource Conservation and Recovery Act (RCRA).</p>	
<p><b>Households:</b> In quantities expected in a household, this product can be disposed in normal refuse.</p>	
<p><b>Industrial Setting:</b> Disposal is to be performed in compliance with Federal, State/Provincial and Local regulations. This material is considered a D001 Ignitable Waste according to the United States Resource Conservation and Recovery Act (RCRA).</p>	
Agency	Requirement
US EPA	This material has a water content <50% and a flashpoint <140°, and is therefore considered a D001 ignitable hazardous waste when disposed in a commercial setting.

SECTION XIV – TRANSPORTATION	
Agency	Classification
US DOT (transportation by ground)	<i>In Bulk Packaging</i> - UN 1170, Ethanol Solution, Class 3, PG II; <i>In Consumer Packaging</i> - Consumer Commodity, ORM-D
IMDG (transportation by sea)	UN 1993, Flammable Liquid, N.O.S. (ethanol), Class 3, PG III
IATA (transportation by air)	<i>In Bulk Packaging</i> - UN 1170, Ethanol Solution, Class 3, PG II; <i>In Consumer Packaging</i> - Consumer Commodity, ID 8000, Class 9; inner packagings (containers) must be less than 500 mL

SECTION XV – ADDITIONAL REGULATORY INFORMATION		
<p>The product(s) described in this Material Safety Data Sheet are regulated under the Federal Food, Drug and Cosmetics Act and are safe to use as per directions on container, box or accompanying literature (where applicable).</p>		
<b>US Federal:</b>		
TSCA – All intentionally-added components of this product are listed on the US TSCA Inventory.		
SARA 313/302/304/311/312 chemicals: None		
<b>US States:</b>		
<p><b>California:</b> This product has been evaluated and does not require warning labeling under California Proposition 65.</p>		
<b>California Registration Number:</b> Not applicable.		
<p><b>State Right-to-Know and CERCLA:</b> The following ingredients present in the finished product are listed on state right-to-know lists or state work exposure lists.</p>		
Ingredient(s)	CERCLA RQ	State(s)
Ethanol (Alcohol)	100 lbs	CA, CT, IL, IN, KY, LA, MA, MN, NC, NJ, OR, PA, RI
Camphor	Not applicable	CA, IL, IN, KY, MA, MN, NC, OR, PA, RI

SECTION XVI – OTHER INFORMATION
<p><b>DISCLAIMER:</b> This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Procter &amp; Gamble to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.</p>
<p>This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Procter &amp; Gamble assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.</p>