

# Procter & Gamble

## MATERIAL SAFETY DATA SHEET

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MSDS Identifier

Vicks Vapor Inhaler

### 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		<b>RATING KEY</b> 4=EXTREME 3=HIGH 2=MODERATE 1=SLIGHT	<b>Hazard Rating</b> Health: 2 Flammability: 2 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: October 1, 2008 Last Reviewed: August 31, 2007
<b>Material Name:</b>	Vicks Vapor Inhaler		

### 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.

Principal Hazardous Components:	CAS Number	Conc. %	Exposure Limit/LC50/LD50
Menthol	89-78-1	20 – 45	Oral LD50 rat 3,300 mg/kg
Camphor	76-22-2	10 – 30	2 ppm (ACGIH)
Levmetamfetamine	33817-09-3	10 – 30	Mouse LD50 - 70mg/kg
Methyl salicylate	119-36-8	3 – 7	Oral LD50 rat 887 mg/kg

### SECTION III – HAZARDS IDENTIFICATION

**Emergency Overview:** 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>	Eye contact with the product may produce mild transient, superficial irritation.
<b>Skin:</b>	Low potential for dermal irritation in finished consumer product.
<b>Inhalation:</b>	Low potential for inhalation effects in finished consumer product.
<b>Ingestion:</b>	Possible mild gastrointestinal irritation with nausea and vomiting and diarrhea, if large quantities are ingested.

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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 unusual or severe redness or irritation occurs as a result of skin contact, remove the product with the warm water and mild soap. If irritation persists, see a physician.
<b>Inhalation:</b>	Not applicable under normal conditions of use.
<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>	161°F	<b>Flash Point test method:</b>	Closed cup flashpoint
<b>Auto-ignition Temperature:</b>	<input checked="" type="checkbox"/> Not applicable <input 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>	Use water spray, alcohol foam, or carbon dioxide.		
<b>Explosion Hazards:</b>	Can burn, releasing toxic vapors.		
<b>Special Instructions:</b>	None		

SECTION VI – ACCIDENTAL RELEASE MEASURES	
<b>Personal Safeguards:</b>	Wear appropriate personal protective equipment.
<b>Environmental Precautions:</b>	Treat dispose in accordance with all regulations. 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.
<b>Conditions for Safe Storage:</b>	Store at room temperature. Avoid direct sunlight.
<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>	For bulk mixture: Local exhaust ventilation may be needed for control.
<b>Eye Protection:</b>	For bulk mixture: Use chemical splash goggles and face shield.
<b>Respiratory Protection:</b>	For bulk mixture: Respiratory protection may be needed.
<b>Skin Protection:</b>	For bulk mixture: Nitrile or PVC gloves are recommended.
<b>Other Special Protection:</b>	None

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SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES			
Appearance / Color:	Wick enclosed in a welded white plastic inhaler	Melting Point:	Not available
Odor:	Menthol/camphor-like	Boiling Point:	Not available
Odor Threshold:	Not available	Solubility in Water:	Insoluble
Physical State:	Wick enclosed in an inhaler	Vapor Pressure (mm Hg):	Not available
Vapor Density:	Not available	Specific Gravity (H <sub>2</sub> O=1):	Not available
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	
<b>Waste Disposal Method:</b> Disposal is to be performed in compliance with Federal, State/Provincial and Local regulations.	
<b>Households:</b> Product is safe for disposal down the drain after use.	
<b>Industrial Setting:</b>	
<b>Agency</b>	<b>Requirement</b>
US EPA	This material is not considered a hazardous waste under United State Resource Conservation and Recovery Act when disposed.

SECTION XIV – TRANSPORTATION	
<b>Agency</b>	<b>Classification</b>
US DOT (transportation by ground)	This material is not regulated in non-bulk quantities.
IMDG (transportation by sea)	Non-regulated
IATA (transportation by air)	This material is not regulated for air transportation according to the ICAO Technical Instructions or IATA requirements.

SECTION XV – ADDITIONAL REGULATORY INFORMATION		
<b>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).</b>		
<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>		
<b>California:</b> This product has been evaluated and does not require warning labeling under California Proposition 65.		
<b>California Registration Number:</b> None		
<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.		
<b>Ingredient(s)</b>	<b>CERCLA RQ</b>	<b>State(s)</b>
Camphor	Not applicable	CA, IL, IN, KY, MA, MN, NC, OR, PA, RI
Methyl salicylate	Not applicable	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>