

Procter & Gamble

MATERIAL SAFETY DATA SHEET

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MSDS Identifier

**Vicks 44E Cough & Chest
Congestion Relief**

SECTION I – CHEMICAL / PRODUCT AND COMPANY IDENTIFICATION

THE PROCTER & GAMBLE COMPANY Health Care Research Center 8700 Mason-Montgomery Road Mason, OH 45040-9462		RATING KEY 4=EXTREME 3=HIGH 2=MODERATE 1=SLIGHT	Hazard Rating Health: 1 Flammability: 2 Reactivity: 0
EMERGENCY PHONE:	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: December 22, 2009 Last Reviewed: 12/12/2007
Material Name:	Vicks 44E Cough & Chest Congestion Relief		

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
Propylene Glycol	57-55-6	7 – 13	Oral LD50 rat - 20,000 mg/kg
Alcohol	64-17-5	1 – 5	1,000 ppm (ACGIH)

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.	
Eye:	Contact causes mild irritation.
Skin:	Non-irritating to the skin.
Inhalation:	Not an inhalation hazard.
Ingestion:	Seek medical attention, or call a poison control center immediately if overdosed.

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SECTION IV – FIRST AID MEASURES

Eye:	Rinse eyes thoroughly with water. If irritation occurs, seek medical attention.
Skin:	Wash thoroughly with water.
Inhalation:	Inhalation is not an anticipated route of occupational exposure. For the intended use, see product label.
Ingestion:	Seek medical attention, or call a poison control center immediately.
Additional First Aid Measures: None known	

SECTION V – FIRE FIGHTING MEASURES

Flash Point:	127° F	Flash Point test method:	Pensky Maartens Closed Cup
Auto-ignition Temperature:	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Not available <input type="checkbox"/> deg. C <input type="checkbox"/> deg F.	Flammable Limits (% by volume in air)	LEL % N/A UEL % N/A
Extinguishing Media:	Use water spray, alcohol foam, or carbon dioxide.		
Explosion Hazards:	Material will not burn.		
Special Instructions:	None		

SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal Safeguards:	Avoid excessive contact and contact with the eyes.
Environmental Precautions:	Treat and dispose of according to all regulations.
Spill Clean-up Procedures:	<i>Industrial:</i> Wipe up with sorbent material. Collect and place in a suitable disposal container. This material is not known to possess additional hazards when spilled, beyond those of other non-hazardous solids. <i>Household:</i> Product used in household may be disposed of in refuse or sewer.

SECTION VII – HANDLING AND STORAGE

Recommended Storage Temperature:	Store at room temperature.
Personal Precautions for Safe Storage and Handling:	Store at room temperature.
Conditions for Safe Storage:	Store at room temperature.
Other Precautions:	Avoid direct sunlight.

SECTION VIII – EXPOSURE CONTROLS, PERSONAL PROTECTION

This section only applies to the product when used in an <u>industrial setting</u> .	
Ventilation:	Good general ventilation is sufficient for control.
Eye Protection:	Wear safety glasses.
Respiratory Protection:	None if in caplet form.
Skin Protection:	Nitrile or PVC gloves are recommended.
Other Special Protection:	None

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SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES			
Appearance / Color:	Slightly viscous red liquid	Melting Point:	Not available
Odor:	Cherry	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 ₂ O=1):	Not available
pH:	4.0 – 6.0	Other Data:	Product complies with State and Federal regulations for VOC content.

SECTION X – STABILITY AND REACTIVITY	
Stability:	Stable
Possibility of Hazardous Reaction:	Hazardous polymerization will not occur.
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	
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.	

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SECTION XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Method: Disposal is to be performed in compliance with Federal, State/Provincial and Local regulations.

Households: Product is safe for disposal down the drain after use.

Industrial Setting:

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)	In Bulk Packaging- UN 1993, Flammable Liquid, N.O.S. (ethanol), Class 3, PG III; In Consumer Packaging - not regulated
IMDG (transportation by sea)	UN 1993, Flammable Liquid, N.O.S. (ethanol), Class 3, PG III
IATA/ICAO (transportation by air)	In Bulk Packaging- UN 1993, Flammable Liquid, N.O.S. (ethanol), Class 3, PG III; In Consumer Packaging - Consumer Commodity, ID 8000, Class 9

SECTION XV – ADDITIONAL REGULATORY INFORMATION

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).

US Federal:

TSCA – All intentionally-added components of this product are listed on the US TSCA Inventory.

SARA 313/302/304/311/312 chemicals: None

US States:

California: This product has been evaluated and does not require warning labeling under California Proposition 65.

California Registration Number: None

State Right-to-Know and CERCLA: The following ingredients present in the finished product are listed on state right-to-know lists or state work exposure lists.

Ingredient(s)	CERCLA RQ	State(s)
Propylene Glycol	Not applicable	MN, PA, RI
Alcohol	100 lbs	CA, CT, IL, IN, KY, LA, MA, MN, NC, NJ, OR, PA, RI

SECTION XVI – OTHER INFORMATION

DISCLAIMER: 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 & 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.

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 & 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.