

**MATERIAL SAFETY DATA SHEET**

*Procter & Gamble*

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Material Name:** Vicks VapoRub [Ointment]

P&G Consumer Product: Yes X  
No   

**Item Number:**

**Synonyms/Trade Names:**

**Hazard Rating:** 4=EXTREME  
Health: 1 3=HIGH  
Flammability: 0 2=MODERATE  
Reactivity: 0 1=SLIGHT

**Company Identification:**

The Procter & Gamble Company  
Health Care Research Center  
8700 Mason-Montgomery Rd.  
Mason, OH 45040

**Date:** 12/2/99

**Emergency Phone Number:** 1-800-873-8276

**2. COMPOSITION & INGREDIENTS**

<u>Components</u>	<u>CAS #</u>	<u>Exposure Limits</u>
<b>active ingredients:</b> menthol, 2.6% camphor, 4.8% eucalyptus oil, 1.2% <b>inactive ingredients:</b> cedarleaf oil nutmeg oil special petrolatum turpentine oil thymol		

**3. HAZARDS IDENTIFICATION**

**Emergency Overview:** This mixture is a drug 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.

**Potential Health Effects:** None expected with the occupational handling of this product.

#### **4. FIRST AID MEASURES**

**Eye** - Rinse eye thoroughly with water. If irritation occurs, seek medical attention.

**Skin** - Wipe off with towel.

**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.

#### **5. FIRE FIGHTING MEASURES**

**Flash Point & Method:** ~161.0(°F) (Setaflash closed-cup)

**Explosive Limits:** N.A.

**Autoignition Temperature:** N.A.

**Flammability Classification:** N.A.

**Hazardous Products of Combustion:** N.K.

**Extinguishing Media:** Use water spray, dry chemical, alcohol foam, CO<sub>2</sub>.

**Fire Fighting Instructions:** Use water to keep fire exposed containers cool.

**Other Fire Fighting Considerations:** N.A.

#### **6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Avoid excessive contact and contact with the eyes.

**Environmental Precautions:** N.K.

**Procedures for Spill/Leak Clean-up:** Collect and place in a suitable container. Sorbents may be used. Waste disposal method: To be performed in compliance with all regulations.

#### **7. HANDLING AND STORAGE**

**Precautions for Safe Handling:** Store at room temperature. Other precautions: Avoid direct sunlight.

**Conditions for Safe Storage:** Store at room temperature. Other precautions: Avoid direct sunlight.

**Other Recommendations:** None.

#### **8. EXPOSURE CONTROLS, PERSONAL PROTECTION**

**Engineering Controls:** General mechanical local exhaust is acceptable.

**Personal Protective Equipment**

- **Eye:** NIOSH/OSHA approved safety glasses
- **Skin:** None.
- **Inhalation:** None.
- **Other Controls:** None.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** A smooth, soft, pale yellow, unctuous ointment, having a characteristic odor of Vicks aromatics, eucalyptol, camphor, menthol and turpentine.

**Odor Threshold:** N.A.

**Physical State:** ointment

**Vapor Pressure:** N.K.

**Vapor Density:** N.K.

**Melting Point:** N.K.

**% Volatile by Volume:** 97%

**Boiling Point:** N.K.

**Solubility in Water:** soluble

**pH:** ~5.0

**Specific Gravity:** ~1.0

## **10. STABILITY AND REACTIVITY**

**Possible Hazardous Reactions/Conditions:** None.

**Conditions to Avoid:** None.

**Materials to Avoid:** None.

**Hazardous Decomposition Products:** N.K.

**Other Recommendations:** None.

## **11. TOXICOLOGICAL INFORMATION**

N.A.

## **12. ECOLOGICAL INFORMATION**

N.A.

## **13. DISPOSAL CONSIDERATIONS**

N.A.

## **14. TRANSPORT INFORMATION**

N.A.

## **15. ADDITIONAL REGULATORY INFORMATION**

N.A.

## **16. OTHER INFORMATION**

**DISCLAIMER:** This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. 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.