

# SAFETY DATA SHEET



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Revision date 06-Nov-2020

Revision Number 2

This safety data sheet was developed based on regulations applicable to an industrial/occupational setting and may be applicable to Distribution personnel. This safety data sheet does not address consumer use; for any information relevant to consumer use or retail handling refer to the package label

## 1. IDENTIFICATION

<b>Product Name</b>	Vicks DayQuil Severe VapoCool Liquid
<b>Product Identifier</b>	91566930_RET_NG
<b>Product Type:</b>	Finished Product - Retail
<b>Recommended use</b>	Health Care.
<b>Details of the supplier of the safety data sheet</b>	The Procter & Gamble Company Mason Business Center 8700 Mason-Montgomery Road Mason, OH 45040-9462 +1 513 622-1000  Procter & Gamble Inc. P.O. Box 355, Station A Toronto, ON M5W 1C5 1-800-465-2945
<b>E-mail Address</b>	pgsds.im@pg.com
<b>Emergency Telephone</b>	Transportation (24 HR) CHEMTREC - 1-800-424-9300 (U.S./ Canada) or 1-703-527-3887 Mexico toll free in country: 800-681-9531

## 2. HAZARD IDENTIFICATION

This is a personal care product that is safe for consumers and other users under normal and reasonably foreseeable use. This safety data sheet was developed based on regulations applicable to bulk substances in an industrial/occupational setting.

**For Consumer** - Ingredients in this product are not deemed to be hazardous when the product is used as intended.

**For Manufacturing** site personnel as follows:.

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:.

<b>Flammable liquids</b>	Category 3
<b>Corrosive to metals</b>	Category 1
<b>Signal word</b>	Warning
<b>Hazard statements</b>	
Physical hazards	Flammable liquid and vapor May be corrosive to metals
<b>Hazard pictograms</b>	

**Precautionary Statements**

Do not breathe dust/fume/gas/mist/vapors/spray  
 Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Store locked up  
 Get medical advice/attention if you feel unwell  
 Keep away from heat  
 Keep container tightly closed  
 Ground/bond container and receiving equipment  
 Use only non-sparking tools  
 Wear protective gloves  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Remove/Take off immediately all contaminated clothing  
 Store in a well-ventilated place. Keep cool  
 Store in a well-ventilated place  
 Keep only in original container  
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking

**Precautionary Statements - Response**

In case of fire: Use water, CO<sub>2</sub>, dry chemical, or foam for extinction  
 Absorb spillage to prevent material damage

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool  
 P406 - Store in corrosion resistant container with a resistant inner liner

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant  
 Keep only in original container

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

Chemical name	Synonyms	Trade Secret	CAS No	Weight-%
Propylene glycol	Propylene Glycol	No	57-55-6	20 - 25
Glycerin	1,2,3-Propanetriol	No	56-81-5	5 - 10
Ethanol	Ethanol	No	64-17-5	5 - 10
Acetamide, N-(4-hydroxyphenyl)-	Acetamide, N-(4-hydroxyphenyl)-	No	103-90-2	1 - 5
Eucalyptol	2-Oxabicyclo[2.2.2]octane, 1,3,3-trimethyl-	No	470-82-6	0.1 - 1.0

Active pharmaceutical ingredient

Chemical name	Synonyms	CAS No	Weight-%
Acetamide, N-(4-hydroxyphenyl)-	Acetaminophen	103-90-2	2.0221
1,2-Propanediol, 3-(2-methoxyphenoxy)-	Guaifenesin	93-14-1	1.2444
Morphinan, 3-methoxy-17-methyl-,	Dextromethorphan	6700-34-1	0.0622

hydrobromide, hydrate (1:1:1), (9alpha,13alpha,14alpha)-	Hydrobromide		
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**Additional information** Actual substance concentrations fall within the ranges stated. Maximum values do not necessarily represent the values present in the formula.

#### 4. FIRST AID MEASURES

##### Description of first aid measures

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately if irritation persists.

**Skin contact** None under normal use.

**Ingestion** Call a physician or poison control center immediately if overdosed.

**Inhalation** None under normal use.

##### Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

**Flammable properties** Flammable liquid and vapor

**Suitable extinguishing media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Alcohol resistant foam.

**Unsuitable Extinguishing Media** None. Do not use a solid water stream as it may scatter and spread fire.

**Special hazard** None known. Fumes may catch fire.

**Special protective equipment for fire-fighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Specific hazards arising from the chemical** None.

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

**Personal precautions** None under normal use conditions.

**Advice for emergency responders** Use personal protective equipment as required.

**Environmental precautions**  
**Household:**  
 Product is safe to dispose of in household garbage or down the drain.  
**Non-household:**  
 Do not discharge product into natural waters without pre-treatment or adequate dilution

##### Methods and material for containment and cleaning up

**Methods for containment** No information available.

**Methods for cleaning up** No information available.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Keep away from open flames, hot surfaces and sources of ignition. Keep container closed when not in use. Never return spills in original containers for re-use. Use personal protective equipment as required. Keep out of the reach of children.

### Conditions for safe storage, including any incompatibilities

**Technical measures/Storage conditions** Keep away from open flames, hot surfaces and sources of ignition. Store away from other materials.

**Storage Conditions** Keep only in the original container. Store in corrosive resistant container. Storage in aluminum, unlined carbon steel or 304 stainless steel is not recommended. Do not store in copper, zinc, aluminum, copper alloy, zinc alloy or aluminum alloy containers. Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a cool/low-temperature, well-ventilated, dry place away from heat and ignition sources.

**Incompatible products** Metals.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Guidelines** No exposure limits noted for ingredient(s).

No relevant exposure guidelines for other ingredients

### Appropriate engineering controls

This safety data sheet was developed based on regulations applicable to bulk substances in an industrial/occupational setting. For **Consumers and Retail** personnel - follow product label directions and warnings when using and/or handling this product. For **Distribution and Manufacturing** sites - follow the procedure as listed according to your Workplace Safety protocols.

**Engineering Measures**

**Manufacturing Sites:**  
Ensure adequate ventilation

**Distribution, Workplace and Household Settings:**  
Not relevant

### Personal Protective Equipment

**Eye Protection** No special protective equipment required

**Hand Protection** No special protective equipment required

**Skin and Body Protection** No special protective equipment required

**Respiratory Protection** No special protective equipment required

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state** Liquid  
**Appearance** blue-green  
**Odor** Anise  
**Odor threshold** No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
<b>pH (as aqueous solution)</b>	3.4 - 5.4	
<b>Melting point / freezing point</b>	No information available	
<b>Boiling point / boiling range</b>	No information available	

<b>Flash point</b>	45 °C / 113 °F	Closed cup. Does not sustain combustion. Product is an aqueous solution containing <=24% alcohol and >=50% water.
<b>Evaporation rate</b>	No information available	
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive limits</b>	No information available	
<b>Lower flammability or explosive limits</b>	No information available	
<b>Vapor pressure</b>	No information available	
<b>Vapor density</b>	No information available	
<b>Relative density</b>	No information available	
<b>Water solubility</b>	No information available	
<b>Partition coefficient</b>	No information available	
<b>Autoignition temperature</b>	No information available	
<b>Decomposition temperature</b>	No information available	
<b>Viscosity</b>	No information available	
<b>VOC Content (%)</b>	Products comply with US state and federal regulations for VOC content in consumer products.	

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	None under normal use conditions.
<b>Stability</b>	Stable under normal conditions.
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur.
<b>Hazardous Reactions</b>	None under normal processing.
<b>Conditions to Avoid</b>	None under normal processing. Keep away from open flames, hot surfaces and sources of ignition.
<b>Incompatible materials</b>	Metals. May be corrosive to metals.
<b>Hazardous decomposition products</b>	None under normal use conditions.

## 11. TOXICOLOGICAL INFORMATION

### Product Information

#### Information on likely routes of exposure

<b>Inhalation</b>	No known effect.
<b>Skin contact</b>	No known effect.
<b>Ingestion</b>	No known effect.
<b>Eye contact</b>	No known effect.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Acute toxicity</b>	No known effect.
<b>Skin corrosion/irritation</b>	No known effect.
<b>Serious eye damage/eye irritation</b>	No known effect.
<b>Skin sensitization</b>	No known effect.
<b>Respiratory sensitization</b>	No known effect.
<b>Germ cell mutagenicity</b>	No known effect.
<b>Neurological Effects</b>	No known effect.
<b>Reproductive toxicity</b>	No known effect.
<b>Developmental toxicity</b>	No known effect.
<b>Teratogenicity</b>	No known effect.
<b>STOT - single exposure</b>	No known effect.
<b>STOT - repeated exposure</b>	No known effect.
<b>Aspiration hazard</b>	No known effect.

**Carcinogenicity** No known effect.

### Component Information

Chemical name	CAS No	Oral LD50	Dermal LD50	Inhalation LC50
Propylene glycol	57-55-6	22000 mg/kg bw (standard acute method, rat)	> 2000 mg/kg bw (fixed dose procedure, rabbit)	-
Glycerin	56-81-5	LD50: 23000 mg/kg, bw. ca. OECD GHS. Species: Mouse	LD50: 45 mL/kg, bw. OECD GHS. Species: Guinea pig	L(Ct)50: 4655, 7 hours, mg/min/L; OECD GHS. Species: Rat
Ethanol	64-17-5	10470 mg/kg bw (OECD 401)	-	-
Acetamide, N-(4-hydroxyphenyl)-	103-90-2	1944 mg/kg bw (Guideline not indicated; standard acute method; rat)	-	-
Eucalyptol	470-82-6	2480 mg/kg bodyweight (rat)	-	-

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The product is not expected to be hazardous to the environment. The product is not expected to be hazardous to waste water treatment processes.

**Persistence and degradability** No information available.

**Bioaccumulative potential** No information available.

**Mobility** No information available.

**Other adverse effects** No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

**Waste from Residues/Unused Products** Products covered by this SDS, in their original form, when disposed as waste, are corrosive hazardous waste, D002, according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations.

**Contaminated packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**California Hazardous Waste Codes (non-household setting)** 331

## 14. TRANSPORT INFORMATION

The shipper is responsible for identifying any exemptions, including Limited Quantity, that may apply based on package size.

### DOT

<b>UN/ID no</b>	UN1760
<b>UN Proper shipping name</b>	CORROSIVE LIQUIDS, N.O.S.
<b>Description</b>	UN1760, CORROSIVE LIQUIDS, N.O.S.(sodium chloride) 8, III
<b>Hazard class</b>	8
<b>Packing group</b>	III
<b>Packaging Exceptions</b>	154
<b>Bulk packaging</b>	241
<b>Non-bulk Packaging</b>	203
<b>Emergency Response Guide Number</b>	154

The shipper is responsible for identifying any exemptions, including Limited Quantity, that may apply based on package size  
Product may be shipped as Limited Quantity in retail packaging

**IMDG**

**UN number** UN1760  
**UN proper shipping name** CORROSIVE LIQUID, N.O.S.  
**Description** UN1760, CORROSIVE LIQUID, N.O.S..(sodium chloride), 8, III, (45°C C.C.)  
**Transport hazard class(es)** 8  
**Packing group** III  
**EmS-No** F-A, S-B

The shipper is responsible for identifying any exemptions, including Limited Quantity, that may apply based on package size.

**IATA**

**UN number** UN1760  
**UN proper shipping name** CORROSIVE LIQUID, N.O.S.  
**Description** UN1760, CORROSIVE LIQUID, N.O.S..(sodium chloride), 8, III  
**Transport hazard class(es)** 8  
**Packing group** III

## 15. REGULATORY INFORMATION

**U.S. FEDERAL REGULATIONS****CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**Food and Drug Administration (FDA)**

The product described in this Safety Data Sheet is regulated under the Federal Food, Drug, and Cosmetics Act and is safe to use as per directions on container, box or accompanying literature (where applicable)

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**California Proposition 65**

This product is not subject to warning labeling under California Proposition 65.

**U.S. State Regulations (RTK)**

Chemical name	CAS No	New Jersey
Propylene glycol	57-55-6	X
Glycerin	56-81-5	X
Ethanol	64-17-5	X

Chemical name	CAS No	Massachusetts
Glycerin	56-81-5	X
Ethanol	64-17-5	X

Chemical name	CAS No	Pennsylvania
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Propylene glycol	57-55-6	X
Glycerin	56-81-5	X
Ethanol	64-17-5	X
1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide, sodium salt (1:1)	128-44-9	X

### International Inventories

#### **United States**

Product is a personal care product and regulated under FDA

#### **Canada**

This product is in compliance with CEPA for import by P&G

#### Legend

United States Toxic Substances Control Act Section 8(b) Inventory (TSCA)

**CEPA** - Canadian Environmental Protection Act

## 16. OTHER INFORMATION

#### HMIS

#### NFPA

**Issuing Date:** 10-Oct-2017

**Revision date** 06-Nov-2020

#### **Disclaimer.**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**