



Date: 16 November 2004
 Supercedes: 25 April 2003

MATERIAL SAFETY DATA SHEET

IN CASE OF EMERGENCY CALL CHEMTREC AT 1-800-424-9300

1. PRODUCT IDENTIFICATION AND COMPANY IDENTIFICATION:

Product Name: PURELL® FOAMING HAND SANITIZER
 GOJO Industries, Inc.
 Company Name & Address: One GOJO Plaza, Suite 500
 Akron, OH 44311
 Emergency Phone: 1-800-424-9300 CHEMTREC
 Non-Emergency Phone: (330) 255-6000
 MSDS Request Phone: (330) 255-6000 x8804

2. INFORMATION ON INGREDIENTS:

HAZARDOUS INGREDIENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	% RANGE
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm	62
Isobutane	68476-85-7	1000 ppm	1000 ppm	≤5
Propane	74-98-6	1000 ppm	2500 ppm	≤5

Other ingredient(s) w/ notification requirements:	CAS NUMBER	List
Ethyl Alcohol	64-17-5	MA 1; NJ 1S; PA 1; CN 2
Isobutane	68476-85-7	MA 1; NJ 1S; CN 1
Propane	74-98-6	MA 1; NJ 1S; PA 1
Hydrofluorocarbon 152a	75-37-6	MA 1

3. HAZARDS IDENTIFICATION:

EMERGENCY OVERVIEW

When used according to instructions, the product applicable to this MSDS is safe and presents no immediate or long-term health hazard. However, abnormal entry routes, such as gross ingestion, may require immediate medical attention.

Potential Health Effects:

HMIS: Health 1 Flammability 3 Reactivity 0 Personal Protection None

Eye Contact: May cause mild eye irritation.
 Skin Contact: No irritation or reaction expected.
 Inhalation: May produce anesthetic effects and feeling of euphoria. Prolonged overexposure can cause rapid breathing, headache, dizziness, narcosis, unconsciousness, and death from asphyxiation, depending on concentration and time of exposure.
 Ingestion: May cause nausea and vomiting.
 Carcinogenicity: Not listed as a carcinogen by NTP, IARC, OSHA or ACGIH.

4. FIRST AID MEASURES:

Eye Contact: Do not rub eyes. Flush eyes thoroughly with water for at least 15 minutes. If condition worsens or irritation persists, contact a physician.
 Skin Contact: Wash with soap and water.
 Inhalation: Remove to fresh air if necessary.
 Ingestion: Induce vomiting and contact a physician or Poison Control Center if necessary.

5. FIRE FIGHTING MEASURES:

NFPA: Health 0 Fire 3 Reactivity 0
 Flashpoint °F/°C (PMCC method): Not Determined
 Unusual Fire and Explosion Hazards: Product is flammable due to alcohol content. Prolonged exposure to temperatures above 120°F may cause cans to burst.
 Special Fire Fighting Procedures: None known.
 Extinguishing Media: X Water Fog X Alcohol Foam X CO₂ Dry Chemical Other

6. ACCIDENTAL RELEASE MEASURES:

Avoid contact with ignition sources since product is flammable. Pick up excess with absorbent material and discard in accordance with regulations. Flush surfaces with water. CAUTION - WILL CAUSE SLIPPERY SURFACES. Use proper personal protective equipment/s.

7. HANDLING AND STORAGE:

Contents under pressure. Do not store below 32°F or above 120°F. Do not puncture or incinerate containers. Do not use or store near heat, sparks or open flame. Keep this and all chemicals out of the reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Eye Protection: Not normally required.
 Skin Protection: Not normally required.
 Respiratory Protection: Not normally required.
 Ventilation: Local Exhaust Rate: Recommended Special: none
 Mechanical (General): Acceptable
 Protective Equipment or Clothing: None.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance and Odor White foam, mild alcohol odor
 pH (undiluted): 7.0 – 8.0
 VOC, %: 62

10. STABILITY AND REACTIVITY:

Stable/Non reactive product. Avoid ignition sources and temperatures above 120°F.

11. TOXICOLOGICAL INFORMATION:

No acute or chronic toxic effects expected when used according to directions.

12. ECOLOGICAL CONSIDERATIONS:

No ecological or special considerations when used according to directions. Not considered environmentally harmful from normal dilution, expected usage and typical drainage to sewers, septic systems and treatment plants.

13. DISPOSAL CONSIDERATIONS:

Characteristic hazardous waste-flammable liquid. Dispose according to Local, State and Federal regulations.

14. TRANSPORT INFORMATION:

Hazardous by transport regulations. When transported by Ground and Rail, this product typically is shipped as Consumer Commodity ORM-D. When transported by air, this product is typically shipped as Consumer Commodity or Alcohols N.O.S. depending on package size. When transported by ocean, this product is typically shipped as Limited Quantities. Refer to current regulations for exact requirements.

15. REGULATORY AND OTHER INFORMATION:

TSCA: All ingredients are listed or exempt per reference 15 USC 2602 (2)(B)(iv).

Complies with current FDA regulations for cosmetic and/or over-the-counter drug products.

Notice: The information herein is based on data considered to be accurate as of the date of preparation of this material safety data sheet. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information. The user assumes all liability for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.