

MATERIAL SAFETY DATA SHEET

1.0 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: Grafco® AEROCELL

General Use: Cytology Fixative Spray

Generic Name: Aerosol Dispenser

Chemical Name: Mixture

Manufacturers Name: GF Health Products, Inc.

Emergency Telephone Number:
800-347-5678 (Normal business hours)

Address: 2935 Northeast Parkway
Atlanta, GA 30360

Telephone Number for Information:
800-347-5678 (Normal business hours)

Date Issued: 08/13/03

Date Revised: 08/13/03

CHEMTREC CHEMICAL TRANSPORTATION 24- HOUR EMERGENCY TELEPHONE
DOMESTIC/NORTH AMERICA 800-424-9300
INTERNATIONAL 703-527-3887 (CALL COLLECT)

2.0 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS	OSHA Airborne Particulate Permissible Exposure Limit (PEL, TWA¹)	ACGIH Airborne Particulate Threshold Limit Value (TLV₁ TWA¹)
Propane	74-98-6	Not Established	Not Established
Isobutane	75-28-5	Not Established	Not Established
Benzyl Alcohol	100-51-6	Not Established	Not Established
Isopropyl Alcohol	67-63-0	Not Established	Not Established
PVP	9003-39-8	Not Established	Not Established

3.0 HEALTH HAZARDS IDENTIFICATION

Eye Effects: Irritant

Skin Effects: None

Systemic Effects: None

4.0 FIRST AID MEASURES

Eye Contact: Flush with water. If irritation persists, get medical attention.

Skin Contact: Wipe off. Will not damage skin.

Inhalation: Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. If breathing is affected by vapor inhalation, remove patient to fresh air, get emergency medical attention, administer artificial respiration and/or oxygen.

5.0 FIRE FIGHTING MEASURES

Flammability Classification: Flammable Aerosol Level II

Extinguishing Media: Water, CO², Dry chemical, Foam

Unusual Fire and Explosion Hazards: Aerosol exposed to high temperatures will rupture, rocket and may cause secondary explosion.

Fire Fighting Procedures: Copious amounts of water must be applied to reduce temperatures of any inventory not directly involved in the fire.

6.0 ACCIDENTAL RELEASE MEASURES

Steps to be Taken in Case Material is Released or Spilled: Large spills or punctures should be well-ventilated. Air movement to dilute leaking gases is essential. Avoid ignition sources. Turn off electric power to area.

7.0 HANDLING AND STORAGE

Storage Temperature and Pressure: Store in a cool, dry, well-ventilated area. Store as a flammable aerosol Level 2

Other Precautions: Warehousing should be in compliance with local, state and federal codes.

8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Gloves: None.

Eye Protection: None.

Other Protective Clothing or Equipment: None.

9.0 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 170°F

Vapor Pressure (mm Hg): @70°F

Vapor Density (AIR = 1): 1.9188

Melting Point: N/A

Appearance and Odor: Clear Spray

Freezing Point: N/A

Specific Gravity (H₂O = 1): Product 0.797

Evaporation Rate: >1

Solubility in water: Soluble

10.0 STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: Applications to hot surfaces. Storage above 120 F. Exposure to open flame.

Hazardous Decomposition: Open flames can cause thermal degradation with the evolution of hydrogen chloride.

Hazardous Polymerization: Will Not Occur.

11.0 TOXICOLOGICAL INFORMATION

No data was available.

12.0 ECOLOGICAL INFORMATION

No data was available.

13.0 DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with applicable federal, state, and local regulations.

14.0 TRANSPORT INFORMATION

Consumer commodity. ORM-D

15.0 REGULATORY INFORMATION

NON-HAZARDOUS MATERIALS CONTAINED IN THIS PRODUCT

16.0 OTHER INFORMATION

All information, recommendations, and suggestions appearing herein concerning the product are based upon data believed to be reliable. It is the user's responsibility to determine the safety, toxicity, and suitability for their own use of the product described herein, and to comply with all applicable regulations. Since the actual use by others is beyond the MSDS developer's control, no guarantee, expressed or implied is made by GF Health Products, Inc. as to the effects of such use, the results to be obtained or the safety and toxicity of the product nor does GF Health Products, Inc. assume any liability arising out of use by others of the product referred to herein. This MSDS is not intended as a license to operate under, or recommendation to infringe on, any patents. Appropriate warnings and safe handling procedures should be provided handlers and users.

Note: CHEMTREC and NATIONAL RESPONSE CENTER emergency telephone numbers are to be used only in the event of CHEMICAL EMERGENCIES involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to GF Health Products, Inc. for assistance.

PREPARED BY: GF Health Products, Inc.
Revision No.: A Date: 08/13/03
SUPERSEDES MSDS DATED: N/A