

MATERIAL SAFETY DATA SHEET

IDENTITY: Gill 4 – Safe Kleen
 MANUFACTURER'S NAME & ADDRESS:

DATE PREPARED: April 2011
 Gill Industries, Inc.
 3462 Kershaw – Camden Highway
 Lancaster, SC 29720
 803.285.4831
 803.285.4831

EMERGENCY PHONE NUMBER:
 INFORMATIONAL PHONE NUMBER:

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	%
Ammonium Bifluoride Solution - Stabilized	-	2.5 mg/m ³ as F	-	0.00%

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	215 °F	Specific Gravity (H ₂ O = 1)	1.2 – 1.4
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Complete.			
Appearance and Odor Cloudy solution, slight pungent odor.			

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) N/A	Flammable Limits	LEL N/A	UEL N/A
Extinguishing Media N/A			
Special Fire Fighting Procedures Not a fire or explosion hazard. Cool storage drums with water spray.			
Unusual Fire and Explosion Hazards None			

SECTION V – REACTIVITY DATA

Stability	Unstable	No	Conditions to Avoid Strong acids, strong bases.
	Stable	Yes	
Incompatibility (Materials to Avoid) Strong acids, strong bases.			
Hazardous Decomposition or Byproducts Strong acids liberate hydropluoric acid. Strong bases liberate ammonia.			
Hazardous Polymerization	May Occur	No	Conditions to Avoid
	Will Not Occur	Yes	

SECTION VI – HEALTH HAZARD DATA

Route(s) of Entry	Inhalation? No	Skin? Yes	Ingestion? No
Health Hazards (Acute and Chronic) Eye: Can cause burns. Skin: Can cause irritation, burns under nails.			
Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure Irritates tissue if not washed off with water.			
Medical Conditions Generally Aggravated by Exposure None.			
Emergency and First Aid Procedures Eye: Flush with water for 15 minutes – get medical attention. Skin: Flush with water for 15 minutes – get medical attention. Ingestion: Give large quantities of milk or water.			

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled Ventilate enclosed areas. Apply absorbent material and sweep.
Waste Disposal Method Dispose of in accordance with all Federal, State, and Local regulations.
Precautions to Be Taken in Handling and Storing Store in closed containers.
Other Precautions

SECTION VIII – CONTROL MEASURES

Respiratory Protection (Specify Type) Ventilate enclosed areas.			
Ventilation	Local Exhaust	Special	No
	Yes		
Protective Gloves Rubber gloves	Mechanical (General)	Other	No
	Yes		
Other Protective Clothing or Equipment N/A	Eye Protection	Goggles/safety glasses	
Work/Hygienic Practices N/A			