

MATERIAL SAFETY DATA SHEET

IDENTITY: Gill 27 – Etch n Kleen
 MANUFACTURER'S NAME & ADDRESS:

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

EMERGENCY PHONE NUMBER:
 INFORMATIONAL PHONE NUMBER:

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SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits	
			Recommended	%
Butyl Cellosolve	-	25 ppm	CAS # 112-34-5	-
Take 10 – Surfactants	-	Proprietary		-
Hydrochloric Acid 20 Baume	-	CAS # 7647-01-0		-
NP – 10 Tergitol	-	CAS # Unknown		-
HMIS INDEX				
Health = 3 Flammability = 0 Reactivity = 0 Protection = 1				

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	178 °F / 81 °C	Specific Gravity (H ₂ O = 1)	1.16 @ 15.5 °C
Vapor Pressure (mm Hg.)	25 @ 20 °C	Melting Point	N/A
Vapor Density (AIR = 1)	11.0	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Infinite.			
Appearance and Odor Light brown, with sharp, pungent, irritating odor.			

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) None	Flammable Limits N/A	LEL None	UEL None
Extinguishing Media N/A			
Special Fire Fighting Procedures Keep containers cool. If possible, move containers away from fire area.			
Unusual Fire and Explosion Hazards Non-flammable, but reacts with most metal to evolve hydrogen gas which may cause fire or explosion in air.			

SECTION V – REACTIVITY DATA

Stability	Unstable	No	Conditions to Avoid N/A
	Stable	Yes	
Incompatibility (Materials to Avoid) Strong alkali / Strong oxidizers.			
Hazardous Decomposition or Byproducts Hydrogen gas in contact with most metals.			
Hazardous Polymerization	May Occur	No	Conditions to Avoid N/A
	Will Not Occur	Yes	

SECTION VI – HEALTH HAZARD DATA

Route(s) of Entry	Inhalation? Yes	Skin? Yes	Ingestion? Yes
Health Hazards (Acute and Chronic) Eye effects: Corrosive – causes very rapid severe damage, may cause blindness. Skin effects: Corrosive – may cause burns to all body tissue unless promptly washed. Ingestion – Gastrointestinal ulceration.			
Carcinogenicity	NTP? Unknown	IARC Monographs? Unknown	OSHA Regulated? Unknown
Signs and Symptoms of Exposure N/A			
Medical Conditions Generally Aggravated by Exposure None			
Emergency and First Aid Procedures N/A			

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled Flush with water – Neutralize with lime or soda ash. Keep upwind, evacuate enclosed space. Prevent spread of spill.
Waste Disposal Method Dilute and neutralize with controlled quantities of alkali before disposal into sewer system I.A.W. environmental regulation.
Precautions to Be Taken in Handling and Storing Keep cool. Avoid direct contact with metal.
Other Precautions N/A

SECTION VIII – CONTROL MEASURES

Respiratory Protection (Specify Type) Self-contained supplied air cartridge – NIOSH approved.		
Ventilation	Local Exhaust	Special
	Mechanical (General)	Other
Protective Gloves Synthetic rubber.	Eye Protection Face shield (Goggles)	
Other Protective Clothing or Equipment Neoprene acid suit, rubber safety shoes, and hardhat.		
Work/Hygienic Practices Keep container closed. Wash after handling. Do not breathe vapor.		