

GRAYMILLS CORPORATION
MATERIAL SAFETY DATA SHEET

NFPA HAZARD RATING	
HEALTH	1
FLAMMABILITY	0
REACTIVITY	1

Conforms to OSHA form No. 1218-0072
 Complies with OSHA hazard communication standard, 29CFR1910.1200

IDENTITY: **Aquatene GM571**
 CHEMICAL FAMILY: **Cleaning compound, alkaline powder**

SECTION I

MANUFACTURERED FOR: ADDRESS:	Graymills Corporation 3705 North Lincoln Ave. Chicago, Illinois 60613	EMERGENCY #: TELEPHONE #: DATE PREPARED: PREPARERS SIGNATURE:	1-800-424-9300 (CHEMTREC) 1-773-248-6825 January 1, 2006 <i>R. C. Patel</i>
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SECTION II - INGREDIENTS/IDENTITY INFORMATION

SPECIFIC CHEMICAL IDENTITY/COMMON NAME(S):	OSHA PEL	ACGIH TLV	CAS#	CONCENTRATION RANGE %
Sodium Metasilicate		15 mg/m3 (Total Dust)	6834-92-0	<30

SECTION III- PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (FAHRENHEIT):	N/A	SPECIFIC GRAVITY (WATER=1):	N/A
VAPOR PRESSURE (mm Hg @ 25°C):	N/A	MELTING POINT:	N/A
VAPOR DENSITY (AIR=1):	N/A	EVAPORATION RATE (n-BUTYL ACETATE=1):	N/A
		pH (2% WATER SOLUTION):	9.6-11.0

SOLUBILITY IN WATER: **Excellent**
 APPEARANCE & ODOR: **White granular, odorless compound**

SECTION IV- FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): **None**
 FLAMMABLE LIMITS: **None**
 LEL:
 UEL:
 EXTINGUISHING MEDIA: **None**

SECTION V- REACTIVITY DATA

STABILITY: **Unstable** **Stable**

CONDITIONS TO AVOID: **Additions of acids**

INCOMPATIBILITY (MATERIAL TO AVOID): **Acids**

HAZARDOUS DECOMPOSITION OF BYPRODUCTS: **A very small amount of nitrous oxide may form upon contact with acids.**

HAZARDOUS POLYMERIZATION: **May Occur** **Will not Occur**

CONDITIONS TO AVOID: **Avoid contact with acids, strong oxidizer or reducing agents.**

SECTION VI- HEALTH HAZARD DATA			
ROUTE(S) OF ENTRY:	INHALATION <input checked="" type="checkbox"/>	SKIN <input checked="" type="checkbox"/>	INGESTION <input checked="" type="checkbox"/>
HEALTH HAZARDS (ACUTE & CHRONIC):	Alkaline product, inhalation of dust and/or mist of solution may be irritating to the eyes, skin, respiratory tract, and esophagus. May cause caustic burns on skin and eye damage including stinging, tearing, redness and corneal damage.		
CARCINOGENICITY:	NTP <input type="checkbox"/> NO	IARC MONOGRAPHS <input type="checkbox"/> NO	OSHA REGULATED <input type="checkbox"/> NO
SIGNS & SYMPTOMS OF EXPOSURE:	Irritation of nose and throat, coughing, redness of skin, eye redness, tearing and swelling.		
MEDICAL CONDITIONING GENERALLY AGGRAVATED BY EXPOSURE:	Asthma; Emphysema		
EMERGENCY & FIRST AID PROCEDURES:	<p>Skin contact: Wash with vinegar and water, apply bactericidal ointment or lanolin cream. Get medical attention.</p> <p>Eyes: Irrigate with water for 15 minutes with eyelids open. See doctor.</p> <p>Ingestion: Contains sodium carbonate and silicates, do not induce vomiting. See doctor. If vomiting occurs, keep head below hips to prevent aspiration.</p>		
SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:	Sweep up the material in a container. Dispose of it as indicated in <i>WASTE DISPOSAL METHOD</i> .		
WASTE DISPOSAL METHOD:	Dilute or neutralize to under 9.0 pH, skim oil from surface and remove chips and sludge from solution. Dispose of in accordance with Federal, State, and Local regulations.		
PRECAUTIONS TO BE TAKEN IN HANDLING & STORING:	Keep drum closed. Keep from contact with water.		
OTHER PRECAUTIONS:	Solution may affect plated parts. Use caution.		
SECTION VIII - CONTROL MEASURES			
RESPIRATORY PROTECTION (SPECIFY TYPE):	NIOSH approved filter mask to prevent inhalation of product dust.		
<u>VENTILATION</u>			
LOCAL EXHAUST:	None	MECHANICAL (GENERAL):	None
		SPECIAL:	None
		OTHER:	None
PROTECTIVE GLOVES:	Rubber or Nitrile		
EYE PROTECTION:	Safety glasses, face shield.		
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:	Chemical resistant apron & goggles.		
WORK/HYGIENIC PRACTICES:	Avoid contact with skin. Remove contaminated clothing immediately. All hazard precautions must be observed for empty container.		
SECTION IX - TRANSPORTATION INFORMATION			
<u>DOMESTIC (DOT)</u>			
GROUND:	Not Restricted		
AIR:	Not Restricted		
<u>INTERNATIONAL (ICAO/IATA)</u>			
GROUND:	Not Restricted		
AIR:	Not Restricted		
<p><i>THE DATA PRESENTED IS TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF. NEITHER SELLER NOR PREPARER MAKES ANY WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THE INFORMATION PRESENTED, MERCHANTABILITY OR FITNESS OF PURPOSE.</i></p>			