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# Man-GILL CHEMICAL

23000 ST. CLAIR AVE. • CLEVELAND, OHIO 44117 • 800-627-6422  
EMERGENCY 24 HOUR CHEMTREC NO. 800-424-9300

## MATERIAL SAFETY DATA SHEET

35161

### Section I

**Identity**

GILLITE 0650-CI

Date Prepared 01/25/94

Date Revised 05/02/91

NFPA CODE:

HEALTH: 2

FLAMMABILITY: 0

REACTIVITY: 0

### Section II - Hazardous Ingredients

Hazardous Ingredients	SARA 313	CAS #	OSHA - PEL	ACGIH TLV-TWA	Other Hazard
SODIUM TOLYLTRIAZOLE		64565-57-2	N/E	N/E	CORROSIVE
SILICIC ACID, SODIUM SALT		1344-09-8	N/E	N/E	CORROSIVE
OCTYLPHENOXPOLYETHOXYETHANOL		MANUFACTURER'S RECOMMENDED LIMIT - 5 MG/CUM (C)			
ETHOXYLATED OCTYL PHENOL		9036-19-5	N/E	N/E	IRRITANT
POTASSIUM METASILICATE		9036-19-5	N/E	N/E	IRRITANT CORROSIVE

NO COMPONENT WAS FOUND TO BE CARCINOGENIC IN NTP, IARC OR OSHA

### Section III - Physical/Chemical Characteristics

**Boiling Point**

ABOVE 212 DEG F

Specific Gravity (H20=1)

1.07

**Vapor Pressure (mm Hg)**

NOT DETERMINED

Percent Volatile

71

**Vapor Density (AIR=Reference)**

HEAVIER

(ETHER=Reference) SLOWER

Evaporation Rate

**Water Soluble**

YES

**Appearance and Odor**

CLEAR LIQUID, MILD SWEET ODOR

### Section IV - Fire and Explosion Hazard Data

**Flash Point (Method Used)**

NOT FLAMMABLE

Flammable Limits

LEL

UEL

NOT APPLICABLE

**Extinguishing Media** ALTHOUGH MATERIAL IS NON-FLAMMABLE, KEEP CONTAINER COOL WITH WATER SPRAY IF FIRE OCCURS.

**Special Fire Fighting Procedures** WEAR SELF CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE AND PROTECTIVE CLOTHING WHILE FIGHTING FIRES.

**Unusual Fire and Explosion Hazards** NONE KNOWN.

**METAL PROCESSING SYSTEMS**



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### Section V - Reactivity Data

STABILITY      Unstable      Conditions to Avoid  
Stable      \* NONE KNOWN

INCOMPATIBILITY (Materials to Avoid)  
ACIDS

Hazardous Decomposition Products  
NONE KNOWN

HAZARDOUS      May Occur      Conditions to Avoid  
POLYMERIZATION      Will Not Occur      \* NONE

### Section VI - Health Hazard Data

Primary Routes of Entry:      Inhalation? \* Skin? \* Ingestion?

Effects of Overexposure      MAY CAUSE IRRITATION AND BURNS TO THE EYES  
AND SKIN.      INGESTION MAY CAUSE MILD STOMACH DISTRESS INCLUDING NAUSEA,  
VOMITING AND DIARRHEA.      PROLONGED INHALATION OF VAPORS AND MIST MAY CAUSE  
IRRITATION OF THE RESPIRATORY TRACT.

Medical Conditions Aggravated by Overexposure  
NONE FOUND

#### Emergency and First Aid Procedures:

Eye (Contact): FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR 15 MINUTES  
AND CONTACT PHYSICIAN IMMEDIATELY.

Skin (Contact): FLUSH WITH WATER FOR 15 MINUTES. CONTACT PHYSICIAN IF  
IRRITATION PERSISTS.

Ingestion (Ingestion): DO NOT INDUCE VOMITING. DRINK LARGE QUANTITIES  
OF WATER AND/OR MILK. CONSULT PHYSICIAN IMMEDIATELY.

Inhalation (Breathing): REMOVE TO FRESH AIR. AID IN BREATHING IF  
NECESSARY AND GET IMMEDIATE MEDICAL ATTENTION IF NEEDED.

### Section VII - Precautions for Safe Handling & Use

Steps to be taken in Case Material is Released or Spilled  
WEAR APPROPRIATE PROTECTIVE EQUIPMENT. CONTAIN SPILL AND RECOVER CLEAN  
MATERIAL. ABSORB WITH INERT MATERIAL AND DISPOSE.

Waste Disposal Method: DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL REGULATIONS.

### METAL PROCESSING SYSTEMS

**MATERIAL SAFETY DATA SHEET**

GILLITE 0650-CI

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**Section VII - Precautions for Safe Handling & Use Cont.**

Precautions to be Taken for Handling and Storage KEEP CONTAINER TIGHTLY  
CLOSED WHEN NOT IN USE. STORE ONLY IN WELL VENTILATED AREAS. AVOID  
BREATHING DUST, SPRAY OR MIST. STORE IN COOL, CLEAN, DRY LOCATION.

Other Precautions SHOWERS AND EYE WASH FOUNTAINS SHOULD BE MADE  
AVAILABLE WHERE CHEMICALS ARE USED.

**Section VIII - Control Measures****Respiratory Protection (Specify Type)**

USE NIOSH APPROVED EQUIPMENT IF CONDITIONS REQUIRE.

**VENTILATION** Local NOT REQUIRED BUT RECOMMENDED  
Mechanical

**Protective Gloves**

NEOPRENE RUBBER

**Eye Protection**

SPLASH GOGGLES OR FACE SHIELD

**Other Protective Clothing or Equipment**

PROTECTIVE CLOTHING SUFFICIENT TO PREVENT SKIN CONTACT.

**Work/Hygienic Practices**

WASH THOROUGHLY BEFORE EATING, SMOKING OR USING TOILET FACILITIES.

**Section IX - Additional Information**

D.O.T. Proper Shipping Name: CAUSTIC ALKALI LIQUIDS, N.O.S.

D.O.T. Hazard Class: 8 (CORROSIVE MATERIAL)

D.O.T. Identification #: UN-1719

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**METAL PROCESSING SYSTEMS**