



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

36192

Section I

Identity
GILLITE 160X

Date Prepared 01/25/94 Date Revised 02/04/93
NFPA CODE:
HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0

Section II - Hazardous Ingredients

Hazardous Ingredients	SARA 313	CAS #	OSHA - PEL	ACGIH TLV-TWA	Other Hazard
2 AMINO, 2 METHYL, 1 PROPANOL		124-68-5	N/E	N/E	COMBUSTIBLE, TOXIC BY INGESTION
DIETHANOL COCONUT AMIDE		61791-31-9	N/E	N/E	IRRITANT
OCTYLPHENOXYPOLYETHOXYETHANOL		9036-19-5	N/E	N/E	IRRITANT

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

Section III - Physical/Chemical Characteristics

Boiling Point > 200 DEG F Specific Gravity (H2O=1) 1.01

Vapor Pressure (mm Hg) NOT DETERMINED by Volume (%) 65 Percent Volatile

Vapor Density (AIR=Reference) NOT DETERMINED (ETHER=Reference) SLOWER Evaporation Rate

Water Soluble YES

Appearance and Odor
VISCIOUS STRAW COLORED LIQUID

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) NOT FLAMMABLE Flammable Limits NOT APPLICABLE LEL UEL

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.

Section V - Reactivity Data

STABILITY Unstable Conditions to Avoid
Stable * NONE KNOWN

METAL PROCESSING SYSTEMS



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Section V - Reactivity Data Cont.

INCOMPATIBILITY (Materials to Avoid)
STRONG ACID, ALKALI, OXIDIZING AGENTS

Hazardous Decomposition Products
OXIDES OF CARBON

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 IRRITATE SKIN AND EYES. INHALATION MAY CAUSE RESPIRATORY IRRITATION WITH PROLONGED OVEREXPOSURE. INGESTION MAY CAUSE STOMACH DISTRESS.

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 GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

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

Ingestion (Ingestion): DRINK LARGE QUANTITIES OF MILK OR WATER. 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.

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.

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Section VIII - Control Measures

Respiratory Protection (Specify Type)

USE NIOSH APPROVED EQUIPMENT IF CONDITIONS REQUIRE.

VENTILATION

Local NOT REQUIRED BUT RECOMMENDED

Mechanical NOT REQUIRED BUT RECOMMENDED.

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: NONE REQUIRED

D.O.T. Hazard Class: NONE REQUIRED

D.O.T. Identification #: NONE

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METAL PROCESSING SYSTEMS