

**A LIQUID IMMERSION CLEANER**

*GILLITE 160-X is a clear, viscous liquid blend of selected wetting agents, detergents and inhibitors. It is designed to remove grease, oil and buffing compounds from a variety of metals in an immersion application.*

**ADVANTAGES**

- \* Helps remove a wide variety of soils common to metal processing operations
- \* Especially effective in removing buffing compounds from all metal surfaces
- \* High detergency
- \* Stable to continuous boiling
- \* Can be used on most metals
- \* Non-phosphorus formula
- \* Suitable for use in hard water

**TECHNICAL PROPERTIES (TYPICAL)**

APPEARANCE:	Viscous, clear, yellow liquid
pH 10 % SOLUTION:	10.4
FLASH POINT:	None
SPECIFIC GRAVITY @ 68° F:	1.01

ie02/1292

**"TOTAL CAPABILITIES"****SPECIALTY CHEMICALS****PAINTS****EQUIPMENT**

All recommendations and suggestions appearing in this bulletin are based upon tests and data believed to be reliable. We however, do not guarantee their accuracy and urge purchasers to conduct their own tests. Since the actual use of our products by others is beyond our control, no guarantee, expressed or implied, is made as to the effect of such use or the results to be obtained; nor is any information to be construed as a recommendation to infringe any patent.

## USE AND CONTROL INSTRUCTIONS

GILLITE 160-X is used in tank cleaning operations to remove buffing compounds, cutting oils, drawing compounds and similar soils from all metal surfaces.

**Concentration:** Use 4-8 percent of GILLITE 160-X per gallon of water.

**Operating temperature:** 140 to 180 ° F (60 C to 82.2 C).

**Immersion time:** Varies with the type and severity of the soil condition. Usually a matter of a few minutes.

**Rinsing:** A cold water rinse is usually adequate after most cleaning jobs. A hot water rinse, however, should be used after buffing compound removal and for situations where fast drying of the parts is desired.

**Agitation:** Mechanical agitation of the parts in the cleaning solution is strongly recommended. Ask your Man-Gill representative for specific use instructions.

### TITRATION:

	<u>BURETTE</u>	<u>DROP</u>
<b>SAMPLE SIZE:</b>	25 ml	25 ml
<b>INDICATOR:</b>	Phenolphthalein	Phenolphthalein
<b>TITRANT:</b>	0.1N Acid	1.0N Acid
<b>FACTOR:</b>	mls X 2.08 = % volume	drops X .83 = % volume

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## PRECAUTIONS

**CAUTION:** May cause burns and irritation to the eyes and skin. Ingestion may cause stomach distress. Inhalation may cause respiratory irritation with prolonged exposure. Wear appropriate protective equipment when using this material.

**KEEP OUT OF THE REACH OF CHILDREN**

### FIRST AID:

**EXTERNAL:** Immediately flush skin with plenty of cool, running water for at least 15 minutes; then wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Contact physician if irritation persists.

**EYES:** Immediately flush with plenty of cool, running water. Remove contact lenses, if applicable. Continue flushing for at least 15 minutes, holding eyelids apart. Contact physician immediately.

**INTERNAL:** Call a physician immediately. If swallowed, **DO NOT** induce vomiting. Rinse mouth; then immediately drink 1 to 2 large glasses of water or milk. Never give anything to an unconscious person.

**INHALATION:** Move immediately to fresh air. Aid in breathing if necessary and get medical attention immediately if needed.

**GET MEDICAL ATTENTION IMMEDIATELY**

**EMERGENCY 24 HOUR CHEMTREC NUMBER (1) 800 - 424 - 9300**

**CONSULT MATERIAL SAFETY DATA SHEET FOR ADDITIONAL HEALTH AND SAFETY INFORMATION**

**SPILLS, LEAKS AND DISPOSAL:** Use adequate safety equipment; see precautions above. Contain spill and recover clean material. Soak up with inert absorbent and place in approved disposal container. Dispose in accordance with local, state and federal regulations.

**STORAGE:** Keep container tightly closed when not in use. Avoid breathing dust, mist or spray. Store in cool, dry, clean location. Store in well ventilated areas.



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