

**AN IMMERSION CLEANER FOR FERROUS AND NON-FERROUS METALS**

*GILLITE 1156 is a blend of phosphates, silicates, water softening and building agents, penetrates and synthetic detergents. It is designed for use in immersion cleaning of ferrous and non-ferrous metals.*

**ADVANTAGES**

- \* Fast, non-etching cleaning action
- \* Free rinsing
- \* Excellent hard water tolerance
- \* Multi-metal safe, polished, cast or machined
- \* No disagreeable odors
- \* Removes wide variety of soil

**TECHNICAL PROPERTIES (Typical)**

APPEARANCE:  
pH:

White, free-flowing powder  
10.48

ie02/0591

**"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

### Hot Tank Cleaning (except white metal and zinc):

Concentration: 6-8 oz. of GILLITE 1156 per gallon of water

Temperature: 170° - 200° F.

Time: Varies

### Hot Tank Cleaning (white metals and zinc):

Concentration: 4-6 oz. of GILLITE 1156 per gallon of water

Temperature: 150° - 180° F.

Time: Varies

### Steam Cleaning:

Concentration: 5-20 oz. of GILLITE 1156 in mixing tank to give 0.1 to 0.5% oz. per gallon at the nozzle

### Barrel Cleaning:

Concentration: 1-3 oz. of GILLITE 1156 per gallon of warm water

Time: Varies (usually just a few minutes)

*\* Note: A good rinse must follow all cleaning operations. Ferrous parts should be coated after the rinse with a suitable rust preventative if parts are to be stored. Parts to be plated or phosphated should go immediately to the next stage. An insoluble white film will result if not rinsed immediately after cleaning is complete and before parts are dry.*

#### TITRATION:

#### BURETTE

SAMPLE SIZE:

10 ML

INDICATOR:

3-4 drops Phenolphthalein CN-10

TITRANT:

0.1N H<sub>2</sub>SO<sub>4</sub> T-2

FACTOR:

5 mls of T-2 = 1 oz./gallon

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## PRECAUTIONS

WARNING: Contains alkaline material. May cause burns and irritation to the eyes and skin. Ingestion may cause gastrointestinal irritation and burns. Inhalation may cause respiratory irritation and burns. 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. Remove contaminated clothing and wash before reuse. Contact physician.

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.

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. Contact physician immediately.

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. Sweep up and place in approved disposal container. Dispose in accordance with local, state and federal regulations.

STORAGE: Store away from acids. Keep container tightly closed when not in use. Avoid breathing dust, spray or mist. Store in cool, dry, clean location.



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