

# COMPOUND HT-49

## TECHNICAL DATA SHEET

### **DESCRIPTION:**

**COMPOUND HT-49** is a strongly alkaline ferrous metal cleaner for production applications. **COMPOUND HT-49** is a moderate foamer for use in immersion tanks. This product is characterized by excellent wetting, detergency and is free rinsing. It is suitably sequestered for use in hard as well as soft water. It is 100% active, contains no abrasives, fillers or cresols.

### **PROPERTIES:**

Appearance:	Off-white, free-flowing powder with a slight odor.
pH (8 oz. / gallon):	13.5 – 14.0
pH (1 oz. / gallon):	12.0 – 12.5
Foaming:	Moderate
Metal Safety:	Safe on ferrous and cuprous metals. Unsafe on aluminum, zinc and diecast metals.

### **APPLICATION:**

**COMPOUND HT-49** is recommended for cleaning of ferrous and cuprous metals in immersion tanks during processing or prior to painting or electro cleaning. Use at 4 to 20 oz. / gallon at 160°F. to 180°F. for 5 to 10 minutes depending upon soil conditions. Follow with thorough hot water rinse.

### **PRODUCT CAUTIONS:**

Danger! Causes severe burns to skin, eyes and alimentary canal. Fatal if swallowed. Contains sodium hydroxide and sodium metasilicate, strong alkaline materials. During use, wear goggles and face shield, protective gloves, rubber apron and rubber boots.

### **EMERGENCY FIRST AID:**

**EYES & SKIN:** Immediately flush with large quantities of cool water continuously for at least 15 minutes. Call a physician. Remove contaminated clothing and shoes. Do not put contaminated clothing and shoes back on. Wash clothing and shoes thoroughly in soap and water; rinse repeatedly in clean water and dry before reuse.

**INGESTION:** Do not induce vomiting. Give water. Never give anything by mouth to an unconscious person. Call a physician.

Adding **COMPOUND HT-49** directly to hot water may cause flash boiling. For makeup in hot cleaning tanks, it is recommended that the additions be predissolved in cold water before adding to the tank.

If use is contemplated for purposes other than, or by methods different from those specifically recommended herein, please contact the manufacturer for advice.

**FOR INDUSTRIAL USE ONLY – KEEP OUT OF THE REACH OF CHILDREN.**



**Madison Chemical Co., Inc.**

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