



**LILYPRODUCTS**  
OF MICHIGAN INC.

# CLEANER 414

## *Heavy Duty Liquid Cleaner*

**PRODUCT DESCRIPTION:** Cleaner 414 is a heavy duty liquid cleaner formulated for use in both spray washer and immersion tank operations. This product is ideal for pre-plating and pre-painting operations where minimal foam is advantageous, particularly where air agitation is present. It incorporates a unique blend of surfactants that are stable in a high caustic media and thus maintain their cleaning effectiveness. Removal of heavy soils, rust, and paint are quickly accomplished due to highly active penetrating agents and sequestrants. A high tolerance for contamination provides for sustained cleaning power and longer tank life.

### PROPERTIES:

Appearance: Clear Liquid  
Odor: Mild  
Density: 10.6 lbs/gal  
pH: 13.0 @ 5%

### PRODUCT BENEFITS:

- Biodegradable
- Low to No Foam
- Splits out mineral oils
- Short term in-process corrosion protection
- Hard water compatible

### USE PROCEDURE:

CONCENTRATION:	1% to 4% spray, 5% to 15% soak
TEMPERATURE:	140°F to 200°F
PROCESS METHOD:	Spray, Dip
CYCLE TIMES:	Varies with process and soil conditions

**SAFETY:** Do Not Ingest. Product may be harmful if swallowed. Cleaner 414 is an alkaline product and the concentrate may burn skin and eyes. Gloves and splash goggles should be worn when handling product. For full safety and first aid information consult Safety Data Sheet on this product prior to use..



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