



ATLANTA WAREHOUSE
3939 Royal Drive, Suite 139
Kennesaw, GA 30144

UTAH WAREHOUSE
647 West Billinis Road, Unit 1
Salt Lake City, Utah 84119

ChemWorld Metal Safe LQ

Heavy-Duty, Defoaming Aluminum Spray and Immersion Cleaner

ChemWorld Metal Safe LQ is a liquid, soft metal-safe alkaline cleaner for use in recirculating spray washers and immersion systems. It is highly effective blend of defoaming detergents, corrosion inhibitors, water conditioners, buffered alkalinity sources, and builders. ChemWorld Metal Safe LQ emulsifies, saponifies, and disperses soils for easy removal and complete rinsing. ChemWorld Metal Safe LQ is filtratable and an extremely effective in-line oil splitter. ChemWorld Metal Safe LQ contains phosphates for excellent particle soil removal and scale prevention, even in the hardest water areas. ChemWorld Metal Safe LQ is safe for use on all metals, including aluminum, zinc, ferrous and other non-ferrous metals and plastics. ChemWorld Metal Safe LQ is completely chelant-free for easy waste-treatability using standard methods.

PROPERTIES

General Characteristic	Alkaline Cleaner
Color	Yellow/Green
Form	Liquid
Specific Gravity	1.18
Pounds/Gallon	9.84
pH (1% Solution)	11.0 - 11.5
Foam	Very Low and Defoamed
Biodegradable Surfactants	Yes

DIRECTIONS 1% to 4% by volume is recommended. For heavier industrial applications, concentrations of up to 8 % by volume of ChemWorld Metal Safe LQ may be needed, depending on water hardness, soil load, type of soil, and temperature *.

* Keep solution at a temperature of 110° to 160°F for use in recirculating spray washers. Aluminum and other soft metals are best washed at 160°F or lower to prevent staining.

PRECAUTIONS Corrosive. May cause tissue damage. Do not get in eyes, on skin, on clothing. Do not take internally. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. Refer to MSDS for completed product and safety information.

PACKAGE Bulk, 330, 275, 55, 30, 15, and 5-gallon plastic containers.
STANDARD PACKAGING SIZES: Bulk, 330 + 275 gal, 55 gal, 30 gal, 15 gal, and 5 gal. containers.
OPTIONAL: Private labeling. Bulk container packaging from 1 oz to 5 gallons.