

# Sonic Wash LF

High-performance, low-foam detergent for spray wash applications



## Product Features

- Low foaming, aggressive parts cleaning detergent for the most tenacious soils.
- Broad compatibility with steel, aluminum, and most common substrates.
- For use in heavy-duty spray wash cleaning processes.
- Long bath life to reduce operating costs
- Provides in-process corrosion control
- Free-rinsing to promote improved coating and adhesive performance
- Helps reduce cleaning-related rework and rejects

## Description

SONIC WASH LF is a low-foaming, highly concentrated aqueous detergent and degreaser designed for a wide range of soils and substrates. It is especially well suited for automotive rebuild, industrial manufacturing and other high-throughput parts-cleaning operations.

This alkaline detergent is formulated for use in hot tanks and mechanical recirculating spray-wash systems for cleaning aluminum and other metal parts. SONIC WASH LF combines high-performance surfactants, alkalinity boosters, water-conditioning agents and corrosion inhibitors to deliver:

- Very fast and effective cleaning
- Excellent oil and soil removal
- Residue-free rinsing in a variety of water conditions

**Effective on soils such as:** buffing compounds, carbon, coolants, dirt, fats, grease, inks, cutting oils, drawing compounds, fingerprints, forming oils, self-emulsifying oils, silicone lubricants, tar, pitch and waxes.

**Recommended substrates:** steel, aluminum, chrome plating, titanium and titanium plating, zinc and galvanized surfaces, plastics and concrete.

Material compatibility and soil removal should always be confirmed by testing representative parts and contaminants under actual cleaning conditions.

## Applications include

- Cabinet & in-line spray wash systems
- Turbulation spray-wash systems
- Immersion tanks
- Ultrasonic parts washers

## Directions For Use

### Hot tank applications

Use SONIC WASH LF at 5–15% v/v in water (5-10% is most typical). For optimum cleaning, maintain the solution temperature between 50–77°C. Higher temperatures will shorten cleaning time.

### Mechanical recirculating spray-wash systems

Use SONIC WASH LF at 5–10% v/v in water (6-7% is most typical), depending on soil load and part cleanliness requirements. For optimum cleaning, maintain solution temperatures between 50–77°C. Cleaning time will vary based on product concentration, solution temperature and soil severity.

After the washing cycle is complete, any residual SONIC WASH LF can be easily rinsed from parts with water. Adjust dilution ratios as needed to achieve the desired performance.

## Product Properties

Appearance	clear amber liquid
Odor	mild, virtually odorless
Foam tendency	Low
Specific Gravity, at 20°C	1.10-1.20 kg/L
Flash Point	none
VOC Content	none
Freeze Point	<0°C
pH, 1% solution, at 20°C	10-13

## Available Packaging

2x10L cases	205 L drums
20L pails	1000 L totes



1451 Highway Ave SE Redcliff, AB  
Phone: (403) 528-4220  
Fax: (403) 528-9010  
[www.genesischemicals.com](http://www.genesischemicals.com)

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