DEEPWASH LF-300

CONCENTRATED ULTRASONIC & ROLL CLEANER

DILUTE

UP TO 1:5

WITH WATER · CONCENTRATE

pH 11.5–12.5 (1%) | Concentrate | Low foaming | Water & UV inks

Ultrasonic | Roll Cleaners | Anilox Rolls

DESCRIPTION

DeepWash LF-300 is a concentrated, water-based alkaline cleaner for anilox rolls in ultrasonic and automatic roll cleaning machines. It works on contact to penetrate and lift ink from deep in the cells, and it cleans water-based and UV flexo inks and coatings. It also cleans most other press parts, apart from aluminum, zinc and magnesium. Biodegradable and drain safe.

ADVANTAGES

Ultrasonic Ready
Made for ultrasonic baths at 125°F to 135°F

Roll Cleaning Machines
Works in automatic anilox roll cleaners

Low Foaming
Keeps baths and spray units running clean

Low Cost in Use
$3.25 per gallon of use at 1:5 (drum)

DIRECTIONS

- Dilute 1 part DeepWash LF-300 with up to 5 parts water for ultrasonic and automatic roll cleaning equipment.
- Ultrasonic: run the bath at 125°F to 135°F. Submerse and rotate anilox rolls (and other non-aluminum parts) for 15 to 30 minutes.
- After cleaning, rinse all parts thoroughly with fresh tap water and wipe dry.
- Not for use on aluminum, zinc or magnesium parts. Do not mix with acids or other chemicals.
- Corrosive: wear goggles, a face shield, gloves and an apron.

55 gal drum
02809-D5505

5 gal pail
02809-P5004

4 × 1 gal
02809-C4201

USE DILUTION & YIELD

RATIO	OZ PER GAL	1 GAL MAKES	PAIL MAKES	COST PER GAL OF USE
1:3	32.0 oz	4.0 gal	20 gal	$4.87
1:4	25.6 oz	5.0 gal	25 gal	$3.90
1:5	21.3 oz	6.0 gal	30 gal	$3.25

Ratio = chemical : water. Volumes are calculated from the ratio. Cost per gallon of working solution based on the 55 gal drum at list price ($19.49/gal, DeepWash list pricing updated April 8, 2025); your distributor price may differ.

AVAILABLE PACK SIZES

ITEM NO.	PACK SIZE	DOT
02809-D5505	55 gal drum	UN1760, 8, PG II
02809-P5004	5 gal pail	UN1760, 8, PG II
02809-C4201	4 × 1 gal	UN1760, 8, PG II

PIF 02809 · TDS rev05 · Issued October 20, 2026 · Supersedes rev04

Read the product label and Safety Data Sheet before use. Orders: 800-752-6627 · sales@kor-chem.com

SCAN FOR SDS
kor-chem.com/sds

KOR-CHEM

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DEEPWASH LF-300

TYPICAL PRODUCT CHARACTERISTICS

Appearance	Colorless, clear liquid	**Flash point**	Above 200°F (93°C)
Odor	Butyl	**Flammability**	Class IIIB combustible
pH at 1%	11.5–12.5	**VOC**	6% by weight (about 70 g/L)
Specific gravity	1.160	**Solubility in water**	Complete
Weight, per U.S. gallon	9.7 lb	**Viscosity**	Water thin

SAFETY & HANDLING

HAZARDS (GHS)

- Causes severe skin burns and eye damage (H314)
- Causes serious eye damage (H318)
- May be corrosive to metals (H290)
- Harmful if swallowed (H302); may be harmful if swallowed and enters airways (H305)
- May cause respiratory irritation (H335), drowsiness or dizziness (H336)
- Harmful to aquatic life (H402); avoid release to the environment

FIRST AID

- **If swallowed:** Do NOT induce vomiting. Rinse mouth. Get to an emergency facility immediately.
- **If on skin:** Remove contaminated clothing. Wash with soap and water, then flush with water for 15 minutes. Launder clothing before reuse.
- **If inhaled:** Move to fresh air and keep at rest. Immediately call a poison center or doctor.
- **If in eyes:** Flush with water for at least 15 minutes, holding eyelids open. Remove contact lenses. Get medical attention immediately.

PROTECTIVE EQUIPMENT

- **Eyes:** Safety glasses with side shields or splash-proof goggles, and a face shield.
- **Hands & body:** Chemical-resistant (impervious) gloves, apron and boots.
- **Breathing:** NIOSH-approved respirator if the PEL is exceeded, mists or sprays are generated, or vapors cause irritation.

STORAGE & DISPOSAL

- **Shelf life:** 1 year minimum at 75°F in the original closed container.
- Keep from freezing.
- **Lot number:** bottom right corner of every label, a Julian date followed by the item number.
- Keep away from heat, flame and sunlight. Keep tightly closed and locked up in the original container, away from strong acids, oxidizers, aluminum, zinc, magnesium and copper.
- **Disposal:** Do not dump into sewers, on the ground or into waterways. Dispose of per federal, state and local regulations. Waste may be RCRA D002 (corrosive).

Safety information summarized from the DeepWash LF-300 Safety Data Sheet. The SDS governs; see it for full precautions.

REGISTRATIONS & COMPLIANCE

GHS signal word	DANGER
VOC	6% by weight (about 70 g/L) as supplied
California Prop 65	Contains no listed chemicals
DOT, ground	UN1760, Corrosive liquid, n.o.s. (potassium hydroxide, ethanolamine), 8, PG II. Limited Quantity applies only to inner containers of 1 L or less (49 CFR 173.154), so the 4 × 1 gal case ships fully regulated.
Air and vessel	IATA / IMDG: UN1760, 8, PG II. Not a marine pollutant.

ORDERING & SUPPORT

- **Orders:** 800-752-6627 · sales@kor-chem.com · shop.kor-chem.com
- **SDS:** scan the code below or visit kor-chem.com/sds
- **Find a distributor:** kor-chem.com/distributor-locator
- **Technical service:** our flexo team can help set the dilution and bath temperature for your ultrasonic or roll cleaning unit.
- **Related products:** DeepWash LF-310 extra concentrate for ultrasonic and roll cleaners; Anilox Scrub for dried ink in anilox cells.
- **Made in Atlanta:** manufactured by Kor-Chem, Inc., Atlanta, Georgia.

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