

Detonox

Ultimate Precision Cleaner

- Concentrated to save you money
- Exceptional cosmetic and pharmaceutical polymer, cream and lotion removal
- Non-caustic for greater worker safety and greater material compatibility
- Free rinsing to give you reliable results and no interfering residues!

Used to clean

Cosmetic bases and formulations, organics, grease, tars, resins, waxes, fats, oils, titanium and zinc oxides, ointments and lotions.

Surfaces cleaned

Recommended for glass, stainless steel, PTFE, ceramic, cement and solvent resistant plastics and metals. Corrosion testing is advisable.

Cleaning method

Soak, circulate under immersions, ultrasonic cleaners, and manual cleaning.

Directions

Make a fresh 1-3% solution (1 ¼ - 3 ¾ oz. per gal. or 10-30 ml per liter) in cold, warm or hot water. If available, use very hot water to clean cosmetic residues. For difficult soils, raise water temperature and use more detergent. Elevation of temperature is true under most circumstances. Check with Alconox Inc, for use of hot water if products contain Titanium Oxide (TiO) or Zinc Oxide (ZnO) as they are notable exceptions to heat expediting detergency. Clean by soak, circulate, wipe or ultrasonic method. Not for spray machines, will foam. RINSE THOROUGHLY—preferably with running water. For critical cleaning, do final or all rinsing in purified water.

Caution

Contains anionic and nonionic surfactants with phosphate chelating agents. May cause skin and eye irritation. Wear eye protection and chemical resistant gloves.

Chemical Description

Detonox contains anionic and nonionic detergent with wetting agents and emulsifiers with phosphate builders.

Cleaning Validation Methods

Parameters measured include: conductivity, Total Organic Carbon, spectrographic methods, and HPLC.

Health Safety Information

OSHA Hazardous Ingredients:	None
DOT Hazard Class:	not-regulated
EPA Priority Pollutants:	none
RCRA Hazard Classification:	Non-hazardous
Eye Irritation:	Eye irritant
Latex Content:	None in detergent, packaging materials or adhesives.
Carcinogenicity	NTP = No IARC = No OSHA = No All ingredients in Detonox are listed in TSCA inventory.



Convenient sizes
1 Gallon Bottle (3.8 L)
Case 4 x 1 Gallons (4 x 3.8L)
5 Gallon Pail (19 L)
55 Gallon Drum (208 L)
*** 1 Gal. makes up to 100 Gal. cleaning solution - 1 L makes 100 L

Physical data	Typical value
pH (1% DI Water)	10
Specific gravity: (g/ml)	1.08
Density: (lbs./gal.)	9.0
Flash Point: (degrees F – open cup)	>212 deg F
Phosphate Content: (as Phosphorus)	0.9% as P
Fragrance Content	None
Surface Tension 1% Sol'n (Dyne/cm)	32
Appearance	Pale, yellow liquid
Solubility in Water	Soluble in all proportions
Biodegradability	Biodegradable
Foam Tendency	High Foaming
Shelf Life	Two years from date of manufacture
Biodegradability	Biodegradable
Foam Tendency	Low Foaming
Shelf Life	Two years from the date of manufacture

Precautions

Avoid contact with skin, eyes and clothing. Do not take internally. In case of contact immediately flush skin with plenty of water. For eyes, flush with plenty of water for at least 15 minutes and get medical attention immediately.

Contact ERE Inc. for purchase specifications. Information presented is typical. Not to be taken as specifications..

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