



RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

RXSOL-13-1036-025

Acidic Cleaner

Description ::

RXSOL Acidic Cleaner is a low foaming, phosphate-free, concentrated, liquid cleaner and metal brightener for high performance removal of metal oxides, scales, salts and inorganic residues in labware washers, parts washers, power-spray systems and manual and ultrasonic cleaning. Corrosion inhibited and free rinsing leaving no interfering residues. Ideal for acid washing and rinsing.

Application ::

Used to clean: Laboratory ware, sampling apparatus, dairy equipment optical parts, electronic components, pharmaceutical and cosmetics manufacturing equipment, metal forgings, stampings and castings, industrial parts, pipes, tanks, boilers and reactors.

Used to remove: Scale, metal oxides, metal complexes, trace inorganics, milkstone, soils, grit, buffing compound, grime, grease, fats, oils, particulates, amphoteric peptides, deposits, chemicals and solvents.

Surfaces cleaned: Corrosion inhibited formulation recommended for glass, metal, stainless steel, porcelain, ceramic, plastic, rubber and fiberglass. Can be used on soft metals such as copper, bronze, aluminum, zinc and magnesium if rinsed promptly. Corrosion testing may be advisable.

Cleaning method: Labware washers, dishwashers, washer-sterilizers, washer-sanitizers, cart washers, spray washers, electrocleaning, ultrasonic cleaners clean-in-place and manual cleaning if proper skin eye protection is used.

Dose ::

Make a fresh 1-2% solution (10-20 ml per L) in cold, warm or hot water. If available, use hot water. For difficult soils, raise water temperature and use more detergent. Clean by soak, circulate, wipe or ultrasonic method.

Technical Specification ::

pH	2.5
Surface Tension 1% Sol'n (dyne/cm)	32
Conductivity 1% Sol's (mS/cm at 21 degrees C)	0.7
Form	Liquid
Color	Pale yellow
Solubility in Water	Completely soluble in all proportions
Hard Water Effectiveness	Highly effective
Biodegradability	Yes, meets EC648/2004
Foam Tendency	Low- to Non-foaming

Shelf Life	24 months from end of month of manufacture
Fragrance and Dye Content	0%
Phosphate Content (as phosphorus)	0%
Flash Point (degrees F)	None
Organic Carbon (% calculated w/w)	14%
Density (lb/gal)	9.15
OSHA Hazardous Ingredients	None
RCRA Hazard Class	Non hazardous
EPA Priority Pollutants	None
DOT Hazard Class	Non hazardous
Flammability	Non flammable
Latex Content	None in product or packaging.
Irritation	Cat. 2 skin, Cat. 2A eye irritant
Oral Toxicity	LD50 > 5000 mg/kg oral rat.
Inhalation Toxicity	Non irritating
VOC Content	0%
GMO Content	None
BSE/TSE Source	None
REACH Art. 57 (SVHC)	None
RoHS	No RoHS hazardous ingredients.
2007/68/EC Annex IIIa Allergens	None
Carcinogenicity	No
Ingredients on TSCA Inventory	Yes
EC 907/2006	Contains no enzymes, optical brighteners, perfumes, allergenic fragrances, or preservative agents.

Handling ::

Wear protective gloves and eyewear. RINSE THOROUGHLY — preferably with running water. For critical cleaning, do final or all rinsing in distilled, deionized or purified water. For food contact surfaces, rinse with potable water. Used on a wide range of glass, ceramic, plastic and metal surfaces. Corrosion testing may be advisable. Material compatibility guidelines available on request.

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.

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