



PRODUCT SPECIFICATION REPORT

PROD. #7908
1198

ROUND ROBIN™

Low-Foam, Alkaline Detergent and Degreaser for Ferrous and Non-Ferrous Parts

DESCRIPTION

A water-based, alkaline degreaser for automatic spray-wash cabinets. Formulated to provide superior cleaning on ferrous and non-ferrous metal parts in industrial applications.

FEATURES

- Powerful cleaner and degreaser
- Very low foam
- Contains no phosphates
- Contains no butyl cellosolve
- Concentrated
- Free rinsing

BENEFITS

- Heavy-duty formula removes even stubborn soils and greases.
- Works well in all high-pressure spray wash cabinets.
- Regulatory friendly formula is not an effluent concern.
- Higher employee safety.
- Effective at concentrations as low as 2% by volume
- Rinses easily - leaves no appreciable residue on parts.

APPLICATIONS

Use for general cleaning and degreasing through spray cabinet machines to clean parts of almost any type. Heat to 140°F - 170°F for aluminum and 140°F - 200°F for ferrous metals. Use in concentration range of 2% - 6% by volume for aluminum and 2% - 10% for ferrous metals. Particularly useful in the industries of:

Automotive Parts Stores
Automotive Repair Shops
Motorcycle Dealers

New & Used Car Dealers
Passenger Car Rental & Leasing
Service Stations
Truck Rental & Leasing

COMPANION PRODUCTS

Zep Spray Washers, Zep Formula 12475, Zep Formula 11263, Zep Goggles, Zep Gloves, Zep Face shield.

SPECIFICATIONS

Physical Form	Thin, water-based liquid	pH (concentrate)	11.8 to 12.2
Color	Clear, colorless	(use dilution)	10.5 to 10.8
Odor	None	D.O.T. Shipping Label	None
Flash Point (TCC)	None	Shelf Life	1 year minimum
Specific Gravity	1.13		

PACKAGING

Plastic pail
Plastic drums

ZEP MANUFACTURING COMPANY

Your One Source for Cleaning and Maintenance Products

1-877-I BUY ZEP
(1-877-428-9937)



PRODUCT LABEL

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Low-Foam, Alkaline Detergent and Degreaser
for Ferrous and Non-Ferrous Parts

ROUND ROBIN™

ALUMINUM SAFE NON-CAUSTIC ALKALINE CLEANER AND DEGREASER

PROD. #7908
999B



ZEP MANUFACTURING COMPANY
ATLANTA, GA 30301

A Division of Acuity Specialty Products Group, Inc.
CLEAN ACROSS AMERICA
AND THROUGHOUT THE WORLD™

Acuity Brands

BEFORE USING THIS PRODUCT,
PLEASE READ THIS ENTIRE LABEL.

KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL AND INSTITUTIONAL
USE ONLY
NOT FOR HOUSEHOLD USE OR RESALE

PRECAUCION

AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

This product is designed exclusively for industrial and institutional use by trained, professional maintenance personnel. Label directions and precautions must be followed exactly. Zep Manufacturing Company will not be responsible for any injury, loss, or damage if product is used in any manner not in compliance with label directions, or if precautions are not observed.

HMS RATINGS

HEALTH	2	4 EXTREME 3 SERIOUS
FLAMMABILITY	0	2 MODERATE 1 SLIGHT
REACTIVITY	0	0 MINIMAL
PERSONAL PROTECTION EQUIPMENT	C	Goggles, Gloves

A low-foam, heavy-duty alkaline cleaner formulated for use in recirculation spray washers. Also recommended for use in manual steam cleaning and immersion cleaning applications. Quickly removes dirt, grease, lubricants, oils, and heavy soils. Rinses freely with water. Non-corrosive to aluminum and ferrous metal surfaces and harmless to many organic coatings (test before using), glass, and plastic.

DIRECTIONS:

RECIRCULATION SPRAY CLEANING: Follow recommendations of spray wash equipment manufacturer. Cleaning conditions required will depend on the nature and degree of soil being removed. After cleaning, rinse parts with water and allow to dry. Aluminum - ZEP ROUND ROBIN may be used in the temperature range of 140°F - 170°F and a concentration range of 2% to 6% by volume. Do not exceed a cleaning time of 30 minutes. Ferrous Metals - ZEP ROUND ROBIN may be used in the temperature range of 140°F - 200°F and a concentration range of 2% to 10% by volume.

IMMERSION CLEANING, PRESSURE WASHING, STEAM CLEANING (FERROUS METALS ONLY): Follow recommendations of equipment manufacturer. After cleaning, rinse parts with water and allow to dry. Aluminum - Do not exceed a contact time of 30 minutes, a concentration of 6% by volume, or a temperature of 170°F. Ferrous Metals - ZEP ROUND ROBIN may be used at all temperatures from ambient to boiling with best performance at higher temperatures. Use in the concentration range of 2% to 10% by volume.

WARNING!

CAUSES SEVERE IRRITATION

Can cause severe skin and eye irritation or inflammation. Inhalation of spray mists or vapors may cause respiratory tract irritation. DO NOT breathe vapors or spray mist. DO NOT swallow this product. Repeated exposure can have cumulative effects.

Further information on the effects of overexposure is included on the Material Safety Data Sheet, which is available upon request. Zep advocates limiting exposure to all chemical products. Wear tight-fitting,

splash-proof safety goggles during product use and when eye contact is possible, especially contact lens wearers. Wear nitrile, neoprene, natural rubber, or other resistant gloves and alkali-resistant footwear; also wear a rubber apron whenever splashing can occur. Use product in well-ventilated areas only; open windows/doors and use exhaust fans. Remove contaminated clothing promptly and DO NOT rewear until thoroughly cleaned. After handling, wash hands thoroughly with soap and water.

FIRST AID:

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

SKIN: Immediately flush contaminated skin with plenty of water for at least 15 minutes. Get medical attention immediately.

INHALATION: Move exposed person to fresh air at once. If breathing has stopped, perform artificial respiration. Get medical attention immediately.

INGESTION: If this product is swallowed, DO NOT induce vomiting. If affected person is conscious, give plenty of water to drink. Get medical attention at once.

DISPOSAL AND/OR SPILL INFORMATION: As with all cleaning and maintenance procedures, run-off from the cleaning or maintenance process should be diverted to a collection vessel, or where permitted, to a sanitary sewer (consult local and state regulations) and not allowed to soak into the ground or to enter a storm sewer. If this product is spilled or contaminated and cannot be used, creating the need for disposal, absorb product on an inert absorbent material, such as Zep-O-Zorb or Zep Super Sorbent and deposit in a clean, sealable container for disposal. Rinse area well with water.

STORAGE: Store tightly-closed container in dry area at temperatures between 32°F (0°C) and 120°F (49°C).

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