



## PRODUCT SPECIFICATION REPORT

# KING-PIN™ POWDER

## Premium Heavy-Duty Large Vehicle and Equipment Cleaner

### DESCRIPTION

A moderate foaming caustic powder that penetrates and loosens residues, dirt and road film. Special blend of ingredients quickly penetrates and loosens soils. KING-PIN can be used in a variety of applications including large vehicle, truck and equipment heavy-duty cleaning.

### FEATURES

- Lubricates
- Concentrated
- Free-rinsing
- Hard water tolerant

### BENEFITS

- Provides good brush lubrication to reduce wear and scratching.
- Capable of high dilution for economical use.
- Detergents rinse easily and completely to help eliminate streaking and spotting.
- Effective in hard or soft water.

### APPLICATIONS

An excellent, premium, heavy-duty large vehicle and equipment cleaner for use in automatic systems. Works equally well through brush or high-pressure applications.

Truck washes  
Heavy Equipment dealers

Truck Rental & Leasing companies  
Local transportation Services

Truck dealers  
Equipment rental & leasing services

### COMPANION PRODUCTS

Wash & Wax Plus, Z-Maxx Xtra Strength Cleaner, Z-Maxx Shampoo, Z-Maxx Wheel Cleaner, Z-Maxx High pH Presoak, Spectra Shine line, Concentrated Drying Agent.

### SPECIFICATIONS

Physical form . . . . . Powder	Flash point (TCC) . . . . . N/A
Odor . . . . . Odorless	pH . . . . . 13.0 (5% solution)
Color . . . . . Pink	Shelf life . . . . . 1 year minimum
Specific gravity . . . . . N/A	DOT Shipping label . . . . . Corrosive

### PACKAGING

- 35 lbs
- 100 lbs
- 400 lbs



An AcuityBrands Company

## PRODUCT LABEL

PROD. #M981  
406

# KING-PIN™ POWDER

## Premium Heavy-Duty Large Vehicle and Equipment Cleaner



BEFORE USING THIS PRODUCT, PLEASE READ THIS ENTIRE LABEL.

**ZEP MANUFACTURING COMPANY**  
A Division of AcuitySpecialty Products Group, Inc.  
ATLANTA, GA 30301

CLEAN ACROSS AMERICA  
AND THROUGHOUT THE WORLD™

AcuityBrands

Your One Source for Cleaning & Maintenance Products

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

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.

### HMIS RATINGS

HEALTH	<b>3</b>	4 EXTREME 3 SERIOUS
FLAMMABILITY	<b>0</b>	2 MODERATE 1 SLIGHT 0 MINIMAL
REACTIVITY	<b>1</b>	
PERSONAL PROTECTION EQUIPMENT	<b>D,q</b>	Goggles, Gloves, Face Shield, Apron, Boots

# KING-PIN™ POWDER

PROD.# M981  
905A

## PREMIUM HEAVY-DUTY LARGE VEHICLE AND EQUIPMENT CLEANER

A moderate foaming caustic powder that penetrates and loosens residues, dirt and road film. Special blend of ingredients quickly penetrates and loosens soils. KING-PIN™ can be used in a variety of applications including large vehicle, truck and equipment heavy-duty cleaning.

**Caution:** this product contains caustic which can damage sensitive surfaces including paint, aluminum and other soft metal, particularly at high concentrations.

### DIRECTIONS:

**PREMIX CONCENTRATE:** Dissolve 1/2 pound of King-Pin™ per gallon of water to make a concentrated liquid. Stir until all powder is dissolved. A 1/2 pound concentration should not be exceeded or liquid can separate, giving erratic results.

**PRESSURE WASHING LARGE VEHICLES AND EQUIPMENT:** Dilute premix concentrate 1:20 up to 1:50 when applying to large vehicles and equipment through pressure application equipment. Apply from bottom to top to help prevent streaking. Rinse with high pressure from top to bottom. (NOTE: For best results, water should be 140° - 160°F and pressure at least 600 psi for both washing and rinsing).

effects of overexposure is included on the Material Safety Data Sheet, which is available upon request from your employer.

Zep advocates limiting exposure to all chemical products. Wear splash-proof safety goggles during product use and when eye contact is possible. Wear nitrile, neoprene, natural rubber, or other resistant gloves and chemical resistant footwear; also wear a face shield and rubber apron whenever splashing can occur. Use product in well-ventilated areas only; open windows/doors and use exhaust fans in enclosed spaces. Remove contaminated clothing promptly; 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 affected skin with plenty of water for at least 15 minutes. Get medical attention immediately.

**INHALATION:** Move affected person to fresh air. Flush mouth and nasal passages with water repeatedly. Get medical attention if irritation persists.

**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, pick up and deposit spilled material in a sealable, D.O.T. specification container for disposal as a hazardous waste. Rinse area well with water.

**STORAGE:** To seal out moisture and prevent hardening of product, keep container tightly closed when not in use. Store in a dry area at temperatures between 40°F (4°C) and 120°F (49°C).

## DANGER!

CONTAINS SODIUM HYDROXIDE



CAUSES EYE & SKIN BURNS

Causes eye burns and can cause blindness. Causes skin burns. Inhalation of dust may produce irritation or corrosion of respiratory tract. Ingestion may produce irritation or corrosion of the gastrointestinal tract. Avoid contact with eyes, skin and clothing. DO NOT swallow this product. Avoid breathing dust. Repeated exposure can have cumulative effects. Further information on the

ZEP MANUFACTURING COMPANY

Your One Source for Cleaning and Maintenance Products