



PRODUCT SPECIFICATION REPORT

ZEP FORMULA 6556™

Acid Descaler Cleaner

DESCRIPTION

Powerful, liquid, muriatic acid based cleaner, formulated to clean cement mixing and handling equipment, etching concrete floors, cleaning masonry surfaces, removing hard water scale, rust, and similar soils quickly.

FEATURES

- Quick penetrating
- Corrosion inhibitors
- Acceptable for use in food

BENEFITS

- Contains special wetting agents to provide rapid penetration of surfaces to be cleaned
- Has corrosion inhibitors to retard attack on base metals
- Acid cleaner for use in all federally inspected meat processing applications and poultry plants.

APPLICATIONS

Removes portland cement, lime, or concrete from metal equipment, machinery and concrete mixers. Etches concrete floors prior to application of certain floor sealing compounds

Ready Mix Trucks
Heating and Cooling

Large Kitchen Areas
Warehouses

Equipment Repair

* Because muriatic acid emits irritating and corrosive fumes when used, provisions for adequate ventilation must be provided.

COMPANION PRODUCTS

Zep TNT, Zep-O-Shine, Zep Concrete Cleaning Station 3, Zep XT-3600 (Cleaner, Neutralizer, Wax)

SPECIFICATIONS

Physical form	BROWN LIQUID	(1% solution)	1.0-2.0
Flash point (TCC)	None	Boiling point	212°F
Odor	STRONG, IRRITATING ACIDIC FUMES	Shelf life	1 year minimum
pH (concentrate)	<1	DOT Shipping label	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
Specific gravity	1.13		

PACKAGING

4 gallon case
8 gallon case
5 gallon pail
20 gallon drum
55 gallon drum



PRODUCT LABEL

PROD. #1093
205

ZEP FORMULA 6556™
Acid Descaler Cleaner



BEFORE USING THIS PRODUCT, PLEASE
READ THIS ENTIRE LABEL.

ZEP MANUFACTURING COMPANY
A Division of Acuity Specialty Products Group, Inc.
ATLANTA, GA 30301
CLEAN ACROSS AMERICA
ANYWHERE IN THE WORLD™

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.

HMS RATINGS

HEALTH	3	4 EXTREME 3 SERIOUS 2 MODERATE
FLAMMABILITY	0	1 SLIGHT
REACTIVITY	1	0 MINIMAL
PERSONAL PROTECTION EQUIPMENT	X	Requires Special Handling

A specially compounded, inhibited acid cleaner useful in: Removing portland cement, lime or
concrete from metal equipment, machinery, cement mixers, transit forms, shovels. Cleaning old
or new masonry, glaze tile, stone, concrete blocks. Removing excess mortar from brick
work or ceramic tile. Can be used to descale air conditioners, water systems, and
dishwashers.

DIRECTIONS:

MASONRY, STONE, or CONCRETE: Dilute 1 part product with 1 part water and apply with
a mop or brush. Allow 5 minutes contact, then flush off with water.

CEMENT, LIME or CONCRETE REMOVAL EQUIPMENT: Dilute 1 part with 6 parts water.
Apply on surface with brush if necessary. Allow 3 minutes contact time and flush with water.
Heavy deposits may require a stronger solution or repeated application.

CONCRETE MIXERS: Inside mixers, use a dilution of 1 part to 10 parts water and allow mixer to
clean itself by running. Flush out with plenty of water. For cleaning outside of mixer use
directions stated above for removing concrete from metal equipment.

AIR CONDITIONERS, INDUSTRIAL COOLING SYSTEMS, DISHWASHERS:

1. Drain and flush all water, suds, and dirt out of the system. THIS IS VERY IMPORTANT

2. Close all feed lines and fill sump with fresh water.

3. Calculate the total gallon capacity of the system, including pipes, sump and storage tanks.
Starting treatment should include 1 gallon of ZEP FORMULA 6556 for each 24 gallons of
water in the system.

4. Start pump and operate system as usual. Check circulating water with test papers and
maintain a pH of 2 to 3 during entire cleaning operation by adding additional ZEP FORMULA
6556 if necessary as acid is neutralized.

5. In the case of air conditioners and industrial cooling systems, a gradual reduction in the
head pressure indicates progress in the removal of system scale. Inspect tubes if possible.

6. When scale and deposits have been satisfactorily removed and head pressure is normal,
dispose in suitable way and refill with fresh water. Circulate for 15 to 35 minutes and drain
system again.

7. Refill system with water and restore normal operation of machinery. Add treatment to
system as soon as practical after cleaning.

NOTE: Fumes from acid solutions may cause rusting of sensitive metal surfaces (i.e., iron &
steel). Such surfaces should be removed from area of application or otherwise protected from
fumes. DO NOT USE ON ALUMINUM.

Care should be taken to avoid contact with painted surfaces since many paints are acid
sensitive.

Authorized by USDA for use in federally-inspected meat and poultry plants.

DANGER!

Contains hydrochloric acid.

CAUSES BURNS

HARMFUL OR FATAL IF SWALLOWED

POISON!



ZEP FORMULA 6556™
CHEMICAL CLEANER
A CONCENTRATE - MUST BE DILUTED FOR USE

PROD.# 1093
890D

CONTACT CAN CAUSE SEVERE SKIN BURNS AND BLINDNESS BY TISSUE CORROSION. DO
NOT allow product to contact skin, eyes, or clothing. DO NOT swallow this product. DO NOT
breathe vapors or spray mist. Inhalation of vapors or spray mist can cause respiratory tract irritation.
Repeated exposure can have cumulative effects. Exposure may aggravate existing respiratory,
heart, skin, or eye disorders. 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. DO NOT wear contact lenses during
product use. Wear nitrile, neoprene, natural rubber, or other resistant gloves and acid 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 areas. Remove
contaminated clothing promptly and DO NOT wear 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 inert absorbent material, such as Zep-
O-Zorb or Zep Super Sorbent, and deposit in a clean, sealable D.O.T. specification container for
disposal as a hazardous waste. Rinse area well with water.

STORAGE: Store tightly closed container in dry area at temperatures between 40°F (4°C) and
120°F (49°C). Keep this product away from food and food products.

ZEP MANUFACTURING COMPANY

Your One Source for Cleaning and Maintenance Products