



## PRODUCT SPECIFICATION REPORT

# FORMULA 940-E™

## Liquid Steam Cleaner and Heavy-Duty Detergent



### DESCRIPTION

Zep Formula 940-E is a heavy-duty alkaline liquid detergent and steam cleaning compound.

### FEATURES

- Multi-purpose
- Safe on metals
- Pleasant to use
- Economical
- Free-rinsing

### BENEFITS

- Useful for a wide variety of cleaning operations.
- At recommended dilutions, Formula 940-E is safe to use on all metals, including aluminum.
- Does not give off unpleasant odors or irritating fumes.
- Concentrated Formula 940-E is effective at dilutions of 1 ounce per gallon.
- Formula 940-E will not streak or spot; contains wetting agents to aid in rinsing in either hard or soft water.

### APPLICATIONS

USDA Authorized - All-surface cleaner in all departments. use through steam cleaners, pressure washers or by hand to clean and degrease engines, transmissions, trailers, food processing equipment, concrete floors, walls and a variety of other surfaces.

### COMPANION PRODUCTS

Zep Concentrated Glass Cleaner, Zep Bowl Shine, Zep Mildew Stain Remover, Zep Quick, Zep Acclaim, Zepynamic, Zep Spectra Clear Glasses, Zep Nitrile Gloves

### SPECIFICATIONS

Physical Appearance . . . . .	Light Amber Liquid	Flash Point.....	None
Specific Gravity . . . . .	1.07	Detergent System .....	Anionic/nonionic blend
Density . . . . .	8.90	Foaming Tendency .....	Moderate
pH - Concentrate . . . . .	12.5 - 13.0	Phosphate Content.....	1% (as P)
1% Solution . . . . .	11.5 - 12.0	Detergent Biodegradability .....	Complete
Viscosity . . . . .	Slightly > water	Temperature Storage.....	40° F - 130° F
Shelf Life . . . . .	1 year minimum	D.O.T. Shipping Label.....	None

### PACKAGING

Gallons  
5 Gallon Pails  
Drums



## PRODUCT LABEL

PROD. #0574  
686

# FORMULA 940-E™

## Liquid Steam Cleaner and Heavy-Duty Detergent

PROD. #0574  
1099G



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

**AcuityBrands**

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	2	2 MODERATE 1 SLIGHT
REACTIVITY	0	0 MINIMAL
PERSONAL PROTECTION EQUIPMENT	C	Goggles, Gloves

# ZEP FORMULA 940-E™

## LIQUID STEAM CLEANER AND HEAVY-DUTY DETERGENT

### CONCENTRATED • POWERFUL • MULTI-PURPOSE

Zep Formula 940-E is a concentrated liquid detergent formulation, primarily for medium to heavy duty steam cleaning, but successful in a wide variety of heavy duty cleaning operations. It contains a high concentration of wetting agents for maximum dirt penetration, alkaline builders for dispersion of grease and grime, softening agents to avoid hard water deposits, and corrosion inhibitors for use on soft metals.

#### DIRECTIONS:

This is a concentrate. Dilute as directed below before use. Use hot water if available.

**Medium to Heavy Duty Steam Cleaning:** Dilute 4 to 6 ozs. of product per gallon of water according to amount and nature of soil. Rinse.  
**Light to Medium Duty Steam Cleaning:** Dilute 2 to 4 ozs. of product per gallon of water. Rinse. Hot Soak Tank (Ferrous Metals Only): Dilute 6 to 12 ozs. of product per gallon of water depending on amount and nature of soil. Rinse.

**Heavy Machinery Cleaning:** Dilute 2 ozs. of product per gallon of hot or warm water. Apply with sprayer, soak 5 to 10 minutes and hose off with a strong stream of water.

**Cleaning Greasy Concrete Floors:** Dilute 6 ozs. of product per gallon of hot water or 10 ozs. of product per gallon of cold water. Allow to soak 3 to 5 minutes and mop up or rinse off. Washing Truck Cabs, Bodies and Trailers: Dilute 1 to 2 ozs. of product per gallon of water. Spray on or apply with a soft bristle brush and hose off.

**NOTE:** Concentrated product may damage alkali-sensitive paints and aluminum trim. If contact occurs, rinse immediately. DO NOT allow overexposure to dry on glass surfaces. Immediately rinse to prevent formation of stubborn residue.

**BIODEGRADABLE:** All detergents used in the manufacture of this product are biodegradable.

#### CAUTION!

Contains sodium metasilicate.  
CAUSES EYE BURNS

Can cause severe skin and eye irritation or corrosion. Inhalation of spray mists may cause respiratory tract irritation. DO NOT breathe spray mist.

DO NOT swallow this product. Repeated exposure can have cumulative effects. Exposure may aggravate existing skin, eye, or respiratory 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, especially contact lens wearers. Wear natural rubber, nitrile, neoprene, or other resistant gloves. Use product in well-ventilated areas only; open window/doors and use exhaust fans in enclosed areas. 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 if irritation develops.

**INHALATION:** Move exposed person to fresh air. If irritation persists, get medical attention immediately.

**INGESTION:** If this product is swallowed, DO NOT induce vomiting. If vomiting occurs keep head below hip level to prevent aspiration (breathing) of fluid into the lungs. 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-U-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). DO NOT store at temperatures below 32°F (0°C). Keep this product away from food and food products.