

Acid Brite 40

Acid Brite 40 is an acid cleaner and deoxidizer for aluminum and stainless-steel surfaces. It contains a blend of inorganic acids, surfactants and solvents to remove heavy soils quickly and effectively. It may also be used on descale steel surfaces.

Acid Brite 40 is extremely free rinsing and may be used in soak or spray applications. It is safe when used as directed and all surfactants used in Acid Brite 40 are biodegradable.

Features & Benefits

Liquid	Easy to meter Rapid mixing
Non-fuming	Safer to work with; longer equipment life
High strength	Carry less inventory

Physical Data

Specific gravity (70°F)	1.25 – 1.30
Solubility in water	Complete
Appearance and odor	Colorless
pH	< 1.0

Typical Applications

- Job shops that have aluminum or stainless-steel parts
- On site truck washes for brightening aluminum
- On site truck washes for cleaning and brightening stainless-steel
- Difficult to treat parts with heavy scale or oxide.

Operating Conditions

Spray: Use at 2% to 15% by volume and always work from the bottom up in both the cleaning and rinsing operations.

Soak: Use at 5% by volume to full strength.

Equipment: Plastic containers must be used. Tanks should be vented.

Test Kit Method

Procedure

1. Transfer 5 mL of the Acid Brite 40 solution to the test bottle.
2. Add 10 mL of tap water to the test bottle.
3. Add 5 to 8 drops of the Phenolphthalein indicator.
4. While swirling the solution in the beaker, add the 12.0 N Sodium Hydroxide dropwise, counting the drops. Continue adding the Sodium Hydroxide until the solution turns pink.
5. Record the number of drops.

$$\text{Concentration} = \# \text{ Drops } 12.0 \text{ N NaOH} \times 0.59$$

Caution

Do not allow product to dry on work surface. Acid Brite 40 will etch glass, especially if allowed to dry. Do not use this product on chrome, tin, zinc, galvanized or magnesium. If used to clean transportation equipment, always work from the bottom up to prevent staining.

Strong acid. Avoid contact with skin or eyes. Not to be taken internally. Contains fluorides.

Read and understand OSHA safety data sheet prior to using or working with this product. People handling and working with this product should be properly trained in safe handling and use of corrosive liquid acids. Eye wash and safety shower should be readily accessible in areas in which this product is used, handled and stored.

WARRANTY: THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.

Our People. Your Problem Solvers.

For more information on this process,
please call us at 203.756.5521 or email: techservice@hubbardhall.com

Hubbard-Hall holds certifications for **ISO 9001:2015**, Responsible Distribution, as accredited by the **ACD** (Alliance for Chemical Distributors) and as a **Women-Owned Small Business**, as well as maintaining an association with **Omni-Chem**¹³⁶.