

SAFE ETCH C-23 FUMELESS ACID ETCHER FOR CONCRETE

PRODUCT DESCRIPTION: Specco Safe Etch C-23 is modified, non-volatile hydrochloric (muriatic) acid blend solution that offers effective cleaning properties without the severe safety hazards. Safe Etch C-23 is formulated to ease removal of hardened concrete from mixers, forms, tools, and related equipment, and is pacified to virtually eliminate corrosion of base metals. The use of Safe Etch C-23 will accelerate the removal of concrete laitance from equipment normally requiring sandblasting or jack hammering techniques. Safe Etch C-23 can also be used for removing mortar deposits from brick and concrete block and for etching concrete surfaces prior to applying mortars, grout, toppings or coatings.

BENEFITS:

- SAFER THAN 20 BE HCL ACID. THE INHIBITED FORMULA IS LESS DESTRUCTIVE TO INTACT SKIN VERSUS 20 BE HCL, AND WILL NOT CAUSE IMMEDIATE BURN.
- LOW FUMING FORMULA CONTAINS LESS UNPLEASANT ODORS THAN 20 BE HCL.
- ATTACKS ONLY THE METAL OXIDES ON PARTS AND TOOLS, MAKING IT LESS CORROSIVE THAN REGULAR "POOL GRADE" HYDROCHLORIC ACID

COMPOSITION: Buffered and inhibited inorganic- hydrochloric acid blend with metal pacification

PHYSICAL DATA @ 70° F (21°C) - APPROXIMATED	
Color:	Clear pale yellow liquid
Weight/gallon:	9.67 +/- 0.10
Specific gravity:	1.16 +/- 0.10
pH	<0.50

DIRECTIONS FOR USE: Always apply the Safe Etch C-23 solution to a small test area to determine suitability and results before making the overall application. Adjust dilution rates based on tests. When diluting, always pour cold water into the bucket first, then add Safe Etch C-23 to the water. Recommended dilutions are listed below:

To clean masonry or concrete equipment	Dilute Safe Etch C-23 1 part to 1 part water
To clean masonry and cement laitance	Dilute Safe Etch C-23 1 part to 3 parts water
To etch concrete	Use Safe Etch C-23 undiluted

Thoroughly saturate the surface to be cleaned with potable water. Apply the Safe Etch C-23 solution with a masonry washing brush or low pressure spray. Allow the solution to remain on the surface for approximately 10 minutes. Scrape or brush excess mortar deposits and re-apply. Rinse the surface thoroughly with potable water removing all cleaning solution, loose material and debris.

COVERAGE: 100 square feet per gallon

CAUTIONS: Always test an area before overall application of Safe Etch C-23 to determine suitability and results. Adding water to the Safe Etch C-23 will reduce its removal ability, but is recommended on questionable substrates. When using pressure washers, high pressure rinsing usually proves most effective on brick or concrete. However, on equipment or parts cleaning applications begin spraying at as low a pressure as possible to avoid added potential for paint peeling or damage to equipment. Addition to water releases heat, which can result in violent boiling or spattering. Always add slowly and do not use hot water. Never add water to acids. Always add acids to water.

SAFETY: Although Safe Etch C-23 is non-destructive to intact tissue, it is prudent to use safety and handling procedures associated with acidic based cleaners. Always wear protective clothing and eye protection. Refer to Safe Etch C-23 M.S.D.S. (Material Safety Data Sheet) for additional safety information. Keep from freezing.

FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

H.M.I.S. RATINGS: Health = 3, Fire = 0, Reactivity = 1 Personal Protection = C (gloves, goggles, apron).

PACKAGING: 1, 5 and 55 gallon containers

STORAGE: 40° to 90° F. Keep from freezing

SHELF LIFE: 1 year properly stored

FREIGHT CLASS: CORROSIVE LIQUIDS, ACIDIC, ORGANIC, N.O.S. HAZARD CLASS 8, PACKING GROUP II, UN 3265 CORROSIVE ITEM 4440, SUB 2, LTL 77.5

LIMITED WARRANTY: This product is warranted to be of merchantable quality when used according to the instruction herein. It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product as purchased, if found to be defective upon inspection by the manufacturer. This limited warranty is issued and accepted in lieu of all other expressed warranties and explicitly excludes liability for consequential damages. Buyer assumes all risk and liability resulting from the use of this product.

Revised – 03-12-09