

TECHNICAL DATA SHEET

RUST - SCALE

COMPOSITION: **RUST-SCALE** is a blend of concentrated mineral acids, non-ionic wetting agents non organic corrosion inhibitors formulated for the rapid penetration and removal of rust and lime scale.

BENEFITS: Removes scale, rust and corrosion.
Inhibited for attack against: Steel, Iron, Stainless, Copper and Brass.
(Not suitable for Galvanising or Aluminium Alloys. For other metal check with Technical Department.
Inhibitors effective up to 100⁰C.
Removes efflorescence from brickwork.
Excellent cleaner for concrete.
Contains biodegradable detergents. To speed penetration.

DIRECTIONS FOR USE: **BEFORE USE READ HEALTH AND SAFETY PANEL.**
MIX ONLY IN PLASTIC OR RUBBER CONTAINERS.
RUST REMOVAL: Use neat or diluted with up to 3 parts water. Immerse or brush onto parts until rust is removed. Rinse well with water and dry. As this process activates the surface of the metal it must be coated immediately to prevent re-rusting. Use dewatering fluid such as **MIRACLE MAN** or **ALL WEATHER.**
SCALE REMOVAL: For boilers and tubing circulate a 10% solution of **RUST-SCALE** until reaction ceases. Continuous monitoring of pH is recommended to maintain acid level and ensure removal of all scale. (Contact technical department for more details on procedure). Rinse well with water, neutralise acid residues if necessary with alkali. For tea urns, etc. use 10% solution and leave until scale is removed. Rinse thoroughly and boil out twice before using.
BRICKCLEANING: Prewet wall before scrubbing with solution of 25% **RUST-SCALE**. To remove heavy mortar splashes use NEAT. Soak for 3-5 minutes to allow reaction to subside, scrape or brush off loosened mortar and re-apply. Rinse well with water.
CONCRETE CLEANING : Dilute to a 50% solution to clean and etch concrete. After reaction subsides rinse well with water. Removes surface stains, light oil deposits and maintenance salt deposits on new floors. For heavily contaminated surfaces preclean with Industrial Detergent "**ZIP 5000**" or "**MULTI-50**" prior to final cleaning with **RUST-SCALE.**
DO NOT USE ON MARBLE, LIMESTONE OR PORTLAND STONE.

SPECIFICATIONS:	Appearance	-	Clear brownish liquid
	Odour	-	Sharp, acidic
	Specific Gravity	-	1.14 - 1.16
	pH	-	< 1.0
	Safety	-	Safe when use as directed.

CAUTION: **CONTAINS HYDROCHLORIC ACID.**
OBSERVE ALL USUAL PRECAUTIONS EMPLOYED WHEN DEALING WITH ACIDIC PRODUCTS.
Irritating to eyes, skin and respiratory system.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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