

TETRAGARD

BULK CONCRETE & SCALE REMOVER

TETRAGARD is a heavy-duty acid cleaner designed for removing bulk accumulations of concrete and accretions of scale from parts, equipment, lines, fixtures, and a variety of other hard surfaces.

Its rapid action and homogeneous wetting properties ensures constant and uniform removal of bulk deposits without localized pitting or corrosion.

FEATURES & BENEFITS

- High acid concentration
- Contains added corrosion inhibitor
- Medium foaming
- Contains added surfactant for uniform surface wetting
- Very rapid action
- Effective on bulk concrete or scale deposits
- Effective at ambient temperatures



DIRECTIONS FOR USE

Use procedure

Use **TETRAGARD** as part of a low-pressure application prior to a full wash procedure. Most effective when used with soft water. Scour or brush stubborn deposits.

Concentration

For low-pressure applications, such as canister-spraying, dilute to a maximum of 20% v/v with water, depending on the amount of deposits to be removed. Use undiluted for bulk scale removal procedures.

Use temperature

Cold water is recommended.

Dwell time/Operation time

Allow for complete removal of deposits before final rinsing.

Mechanical action

Low temperature, low-pressure application and rinsing recommended for removing stubborn deposits.

Rinsing

High pressure hot water.

Neutralization parameters

Neutralize externally of tank or vessel with a maximum of 0.41-0.415 parts **WEST FL** per one part of **TETRAGARD**, depending on decrease in acidity post-procedure.

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PHYSICAL PROPERTIES

Appearance	Clear, colorless liquid
Odour	Acidic
Specific gravity @ 20°C	1.128-1.132
Viscosity	Not available
pH	<1.0
Flash point (TCC)	None
Water solubility	Complete
Boiling point	Approx. 100°C (212°F)
Freezing point	Approx. -15°C (5°F)
Foaming tendency	Moderate
Rinsing	Excellent
Concentration monitoring techniques	Not determined

INCOMPATIBILITY

Strong or chlorinated alkali, amphoteric or light metals

WAREHOUSING PRECAUTIONS

Keep containers tightly closed away from direct sunlight in a dry, cool and well-ventilated place, away from incompatible materials.

AVAILABLE SIZES

			
		205L	1000L

IMPORTANT

Before using **TETRAGARD**, always be sure to read and follow precautions and directions for use appearing on the product's container label, and on the safety data sheet (S.D.S).

FIRST AID MEASURES

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Skin contact

Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

Ingestion

Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

PERSONAL PROTECTION



WHMIS



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