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Technical Data Bulletin

TURCO FERREXTRA

Material No. 378124

HOT TANK ALKALINE CLEANER FOR FERROUS AND COPPER ALLOYS

DESCRIPTION:

TURCO FERREXTRA is a heavy duty alkaline hot tank cleaner formulated to remove grease, engine varnish, light rust, paint and carbon from cylinder heads, engine blocks and other components. The product is an excellent radiator cleaner.

TURCO FERREXTRA is not recommended <u>for use on reactive metals</u>, such as <u>aluminium and zinc</u>, <u>but can be used on ferrous and copper alloys</u>.

BENEFITS:

TURCO FERREXTRA offers the following benefits:

- 1. Readily mixes with tap water.
- 2. Easily rinses from parts.
- 3. Concentration controlled by simple titration.
- 4. Free of cyanide, chromate and phenols.

USE INSTRUCTIONS:

Tanks: Tanks and associated equipment may be fabricated from mild or stainless steel.

Mixing: Dissolve TURCO FERREXTRA with agitation in cold water, then add to warm water in tank.

Hot Tank Cleaning - Concentration 75 to 100 grms. TURCO FERREXTRA per Litre of water.

When topping up, introduce small amounts gradually to top of solution. NEVER dump large quantities of TURCO FERREXTRA in HOT water, since heat is liberated and local pockets of steam may be generated, which could cause eruption of the hot caustic solution.

Operating Temperature: 88-99°C. Time:- 15 minutes to 2 hours. Higher solution strength may be required to remove paints.

For Radiator Cleaning - Hot - concentration 20-30 grms./Litre. Immersion time is dependent upon the degree of contamination.

<u>Cold</u> - concentration: 100 grms./Litre with air agitation.

<u>Rinsing</u>: Rinse parts with warm water, if available, either overflowing immersion or by high pressure, high volume spray. High pressure, high volume spray is preferred.

DISPOSAL INFORMATION:

Dispose of spent solution per local, state and regional regulations. Refer to your HENKEL Representative or HENKEL MATERIAL SAFETY DATA SHEET for additional disposal information.

CAUTION:

TURCO FERREXTRA contains sodium hydroxide. Avoid contact with eyes, skin and clothing. Use with adequate (equivalent to outdoor) ventilation. Do not take internally.

Protective clothing, such as a chemical face shield or goggles, gloves, boots and apron, made from alkali resistant neoprene should be worn when handling this product.

Always add TURCO FERREXTRA to water by broadcasting small amounts onto the top of the tank. Never dump large quantities into water, since the heat is liberated and local pockets of steam may be generated.

Hazardous carbon monoxide gas can form upon contact with food and beverage products in enclosed spaces and can be fatal. Follow appropriate tank entry procedure as recommended by Work Safe Australia. Refer to container label or HENKEL MATERIAL SAFETY DATA SHEET for additional precautionary, handling and first aid information.

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