

Industrial Research Products

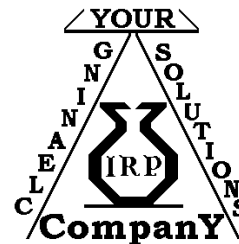
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Industrial Research Products High Performance Products

FERROUS HOT TANK COMPOUND

HEAVY DUTY ALKALINE METAL CLEANER

Application

This highly alkaline, heavy-duty powder is designed for the removal of grease, oil and other soils associated with steel engine parts. The biodegradable surfactants and hard water chelators provide for soil suspension and improved rinsing. This product is not recommended for use on aluminum. This low-foaming product is effective in high and low temperatures. Proper removal of floating oils will improve odor control. Carbon deposits, rust and paint will be more easily removed with higher temperatures.

Product Utilization

Hot soak tanks
Steam cleaners
Hot / Cold pressure washers

Advantages

May be used in lower temperatures
Great soil penetration and suspension
Low foaming, easy rinsing
Multiple product applications
Biodegradable surfactants

General Directions

Hot soak tanks – Product concentrations of 8 – 16 ounces per gallon of water are typical. Actual usage will depend upon temperature, soak time and soil loads expected. Recommended temperatures are 120°F to 200°F, but do not boil. Soak times will vary due to temperature and soil loads. Ten minutes to an hour are typical for most greases and oils, however rust and paint removal will take longer.

Softer metals such as brass or zinc should be soaked in cooler water and for shorter times to prevent darkening of the metal. This is not recommended for aluminum parts.

Steam cleaners / Pressure washers - dilute and thoroughly mix enough of the powder in cold water so that the final concentration at the nozzle is 1/2 to 2 ounces per gallon when used through the eductor. Apply the solution with low pressure, rinse using high pressure.

Product Data

Dilution	8 – 16 ounces per gallon ½ - 2 ounces - steam cleaning
Color / Form	Off white / Powder
Odor	Mild
pH	13.0 at dilution
Surfactants	Biodegradable
Safe on	Ferrous metals

Precautions

HIGHLY ALKALINE PRODUCT! Wear protective clothing and face shield when handling product. Do not get product in eyes or mouth. Wash skin immediately upon contact. Avoid inhaling dusts. Be sure to read and understand product label and MSDS information prior to using this product. Keep this and all cleaning compounds away from children.

Packaging

45# pail

Product Code

IHT01-45