

218 HDP



Description

Chesterton® 218 HDP is one of the most powerful non-foaming liquid degreasers available on the market today. Engineered to overcome problems typically found in non-foaming powder cleaners like:

- Dusting
- Respiratory irritation
- Dispensing difficulty
- High caustic and phosphate content
- Incomplete dissolution

Its convenient liquid form allows for easy handling and eliminates the respiratory and skin irritation so often caused by powder dust.

The superior surfactants in 218 HDP give better rinsability than powdered cleaners, thus eliminating spotting on substrates from cleaner residue.

This product is infinitely soluble in water and therefore does not cause the clogging in pipe lines due to incomplete dissolution often seen in powdered products.

Chesterton 218 HDP is specifically designed for tough degreasing applications where foam is undesirable such as cabinet and tunnel washing. The product can also be used in floor scrubbing machines where foaming cleaners can cause problems and need added defoaming agents.

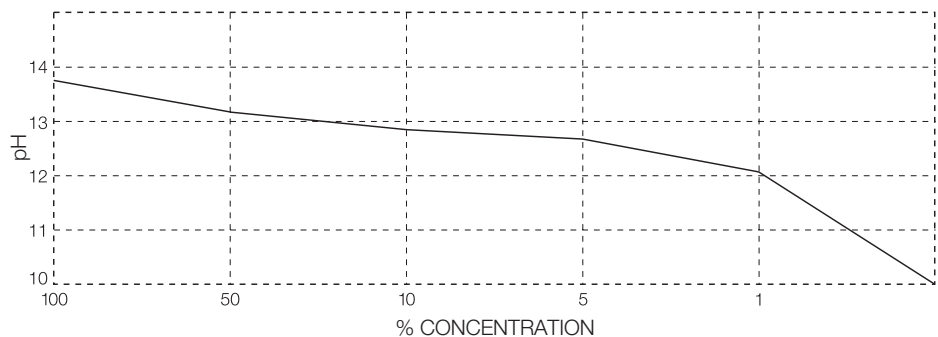
In addition, 218 HDP exhibits excellent demulsibility of free oils. Demulsibility is important because most spray booth washers draw cleaning solution from the bottom third of the sump. The faster the oils split out and float to the surface to be skimmed away, the less oil is sprayed back onto the parts being cleaned.

Chesterton 218 HDP can be used to remove heavy grease, oil, waxes, loose paint and other difficult soils from hard surfaces. The cleaning efficiency of this product can be boosted with the addition of heat and mechanical impingement. Chesterton 218 HDP can be used effectively up to 82°C. This is the degreaser to use when the environmental restrictions are as tough as the grease and oil being removed.

Typical Physical Properties

Appearance	Colorless liquid, slightly hazy
Flash Point	None
Solubility in Water	Complete
Freeze Thaw Stability	Passes 6 Cycles
pH	13.7
Density	1,04 kg/l
Specific Gravity	1,04
Foaming Level	Very low

pH vs. Concentration Curve



Composition

Chesterton 218 HDP is a high alkaline water based degreaser that was designed with the environment in mind. Unlike powdered cleaners that rely heavily on caustic soda as the primary cleaning agent, 218 HDP utilizes state of the art surfactant technology for maximum performance.

Highly efficient grease cutters solubilize grease and oil while the surfactants suspend the soils and keep them from redepositing back onto the substrate.

Chesterton is committed to improving the health and safety of the workplace. Because of this commitment, Chesterton 218 HDP is free of fragrances and perfumes to which many people are sensitive. The product is also free of any dyes which can stain or discolor porous surfaces.

Chesterton 218 HDP is free of phosphates, SARA and RCRA listed materials, EDTA, dyes and fragrances.

Recommended Min. Concentrations (with water):

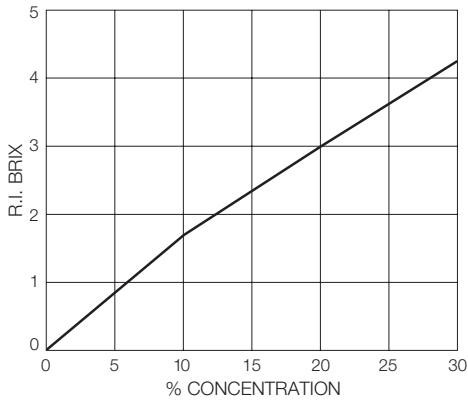
Light Degreasing	2%
Heavy Degreasing	10%
In Process Degreasing	5%

Features

- Nonflammable
- Highly Concentrated
- Convenient Liquid Form
- Phosphate Free
- Dye and Fragrance Free
- Virtually Non-Foaming
- Excellent Demulsibility
- NSF A1 - Registration number 133943
- Corrosion Inhibited

Typical Applications

- Spray Booth Washers
- Tunnel Washers
- Floor Scrubbers
- High Pressure Washers
- Steam Cleaning
- Any Degreasing Where Foam is Not Wanted



Directions

Dilute to desired strength with water. This product can be used in most types of parts washers. Like most degreasers the speed of cleaning can be increased by heating the Chesterton 218 HDP.

Safety

The principal safety hazard associated with this product is its high alkaline content. Refer to the Material Safety Data Sheet (MSDS) or appropriate safety data sheet in your area before using.

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