

AquaKlean HDS40

Technical Data Sheet

Multi-Metal Cleaner, Floor Scrubber

General purpose low foaming cleaner for floors, floor scrubbers, general purpose cleaning and degreasing, soak tanks, and high pressure spray cleaning.

Description:

NuGeneration Technologies' AquaKlean HDS40 is a mildly alkaline liquid cleaner and degreaser. Low-foaming for use in both spray and tank applications, as well as floor scrubbers. AquaKlean HDS40 can be used as a multi-metal cleaner safe on ferrous metals, Copper and its alloys and Aluminum and its alloys. Other acceptable materials include: plastics/polymers, ceramics, glass, and sumps.

Characteristics:

AquaKlean HDS40 was formulated to provide highly efficient, cost effective cleaning of soils, greases, shop oils, inks, metalworking fluids, as well as drawing, buffing and lapping compounds. A built-in defoaming package (non-silicone) gives AquaKlean HDS40 very low foaming tendencies at temperatures >120°F, even when contaminated with foaming coolants and soils. This unique formulation also helps split oil upon sitting, so that it may be skimmed out. AquaKlean HDS40 has a mild pH, is biodegradable, and contains No-VOC's, making it safe to work with and environmentally friendly and useful in a wide variety of cleaning applications.

Directions for Use:

AquaKlean HDS40 is effective at ambient temperatures. However, it is normally used at 2 to 20% by volume of water at 60° to 200°F. The parameters can vary due to the type and extent of soils to be removed. Temperatures may be increased slightly for shorter time cycles.



Product Benefits

- Multi-metal spray and tank cleaner and degreaser
- Biodegradable
- Low foaming tendency
- Excellent oil splitting capability for recirculating systems



Physical Properties

Use concentration	2 - 20% by volume
Bulk Density	8.9 lbs/gal
Operating Temps (spray)	120 °F to 200 °F
Operating Temps (immersion)	Ambient to 200 °F
pH, Concentrate	10.8 - 11.0
pH, @5%	10.6 - 10.8
VOC (Concentrate)	0 g/L
Flash Point	None
Chelates	Yes
Soluble in water	Complete
Biodegradable	Yes
Corrosive	No

Availability: 5-gallon and 55-gallon containers, 275-gallon totes and bulk tankers.

Shipment: DOT – Non-Regulated Material, Liquid

Storage: Keep out of direct sunlight. Keep from freezing. Store between 40 °F - 120 °F.

Disposal: Dispose of in accordance with local, state, and federal regulations. For assistance with disposal contact NuGeneration Technologies at 888-99-NuGen or email: info@nugentec.com.

Regulatory: This product is classified and labeled according to the Globally Harmonized System (GHS).

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EMERGENCY OVERVIEW:

This product may cause irritation to the skin and eyes. May cause an allergic skin reaction.

SAFETY:

Please make sure you have read and understand the product label and SDS before using this product. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Wash thoroughly after handling. Observe label precautions.