

AquaKlean 1400

Technical Data Sheet

Metal Cleaner

Non-silicated liquid multi-metal cleaner for spray washer and tank applications. An Oakite® Inproclean® 1300 drop in replacement cleaner.

Description:

NuGeneration Technologies' AquaKlean 1400 is a mildly alkaline liquid cleaner. Low-foaming for use in both spray and tank applications. The non-silicated and non-caustic formula will not sludge or scale up. The mildly alkaline formula allows AquaKlean 1400 to be used as a multi-metal cleaner. Other acceptable materials include: plastics, ceramics and glass.

Characteristics:

AquaKlean 1400 was formulated to provide improved removal of particulates and organics while providing reduced residues, and fast rinsing. AquaKlean 1400 provides excellent wetting and rinsing properties and is therefore an excellent choice for pre-plate cleaning. Removes: inks, polishing and buffing compounds, grease, oils, fingerprints, drawing compounds, and metalworking fluids.

Directions for Use:

AquaKlean 1400 is effective at ambient temperatures. However, it is normally used at 1 to 10% by volume of water at 120° to 165°F for 5 seconds to 5 minutes. The parameters can vary due to the type and extent of soils to be removed. Temperatures may be increased slightly for shorter time cycles. Not safe on Magnesium. Test for discoloration on cuprous alloys.



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 (spray)	1 - 5% by volume
Use concentration (immersion)	5 - 10% by volume
Bulk Density	10.0 lbs/gal
Operating Temps	120 °F to 165 °F
pH, Concentrate	10.8 - 11.2
pH, @5%	10.0 - 10.6
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.

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.