

## AquaKlean NS: Non-silicated liquid multi-metal cleaner for spray applications.

### Application Notes:

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

AquaKlean NS was formulated to provide improved removal of particulates and organics while providing reduced residues, and fast rinsing. **AquaKlean NS 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.

### Application Procedure:

AquaKlean NS is effective at ambient temperatures. However, it is normally used at 1 to 5% by volume of water at 70 to 145°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 increase slightly for shorter time cycles. Not safe on magnesium. Test for discoloration on cuprous alloys.

### Typical Usage Parameters:

	AquaKlean NS
Description	Mild Alkaline Cleaner
Concentration Range – Spray	1%-5%
Concentration Range – Immersion	2%-10%
Operating Temps	70°F and up, Best at 100 to 145°F



### Physical Properties:

	AquaKlean NS
pH, Concentrate	10.0
pH, @ 5% b.v.	9.8
Bulk Density, #/gal	9.0
Flash Point	None
Solubility In Water	Complete
Biodegradable	Yes
Chelates	No
Corrosive	No
VOC (Concentrate)	< 18 G/L
Ozone Friendly	Yes

**Availability:** Available in 5, 55 and 275 gallon containers. Bulk tank shipments also available.

**Shipment:** Freight classification is "cleaning compound, NOBIN – Liquid."

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

<sup>(1)</sup>**Disposal:** Dispose of in accordance with local, state, & federal regulations. For assistance with disposal contact NuGeneration Technologies at 888-99-NuGen or email: [info@nugentec.com](mailto:info@nugentec.com)