



Bottle Washing / Heavy Duty Cleaning of Food Processing Equipment / Chain Lube

Applications:

NuGeneration Technologies **NuWash PB 1** is a highly alkaline, non-silicated, non-chelated, non-phosphated aqueous cleaner that is 100% Biodegradable. **NuWash PB 8** is a moderately alkaline cleaner designed for easy disposal, typically without any neutralization. The **NuWash PB** products are highly effective, cost efficient, biodegradable and safe to use. Designed to be used in CIP machines for plastic bottle cleaning in three stage washers as the first stage cleaner. Concentration control by either titration or by conductivity is possible. Contact your local NuGenTec Representative for more information regarding concentration control.

NuLube 1 is a highly concentrated Chain Lubricant for conveyer systems that is economical to use and highly effective at reducing friction and preventing squeaking of chains.

Typical usage parameters:

	NuWash PB 1	NuWash PB 6	NuLube 1	Sodium Hypochlorite 12.5%
Description	Alkaline Liquid	Mild Alkaline Liquid	Chain Lube – Soap Based	Concentrated “Bleach” Sanitizing
Use Concentration Range	1 – 3%	2 – 4%	250:1 to 100:1	100-200 ppm, Cl
Operating temps	100 to 160 °F*	100 to 160 °F	Ambient	Ambient to 160 °F
Spray	Yes	Yes	Yes	Yes
Ferrous metals	Yes	Yes	Yes	No
Aluminum Alloys	No	Yes	Yes	No
Non-ferrous alloys	Yes	Yes	Yes	No
Glass	Yes	Yes	Yes	Yes
Plastics/polymers	Yes	Yes	Yes	Yes
PC*, PET & Glass bottle compatibility	No crazing. Test glass.	No crazing – OK on glass	No crazing – OK on glass	No crazing – OK on glass
Meet USDA/FDA food cleaning requirements	YES	YES	YES	YES

* 3 week, 120 F, immersion tests run. Polycarbonate Bottles should not be exposed to moist atmospheres above 160 °F, crazing could result in these conditions.

Physical Properties:

	NuWash PB 1	NuWash PB 6	NuLube 1	Sodium Hypochlorite 12.5%
pH, concentrate	13.1	9.9	10.5	11.5
pH, @ 1% bv	12.6	9.9	10.0	10.0
Bulk Density, #/gal	9.2	8.7	8.5	10.0
Foam levels	Will not foam	Will not foam	Moderate foam	Will not foam
Rinsability	Excellent	Excellent	Excellent	Excellent
Solubility in water	Complete	Complete	Complete	Complete
Biodegradable	Yes	Yes	Yes	Yes
Chelates	Yes	No	No	No
Corrosive	Yes	No	No	Yes
Ozone friendly	Yes	Yes	Yes	Yes
Phosphates	None	None	None	None
Silicated	No	No	No	No
Odor	None	None	None	Ammonia

Availability: 5-gallon and 55-gallon containers; 300 gallon tote-bins and bulk tankers.

Shipment: Freight classification is “Non-Hazardous, cleaning compound, NOBIN – Liquid.”

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

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

