

# Membrane Product Selection Guide

## ALKALINE

Product Name	Product Description	Application Category
HMC NO. 330	A highly concentrated sodium based liquid detergent cleaner for cleaning membranes in the dairy, beverage, and food industry. All in one product containing alkalinity, builders, and surfactants.	MF, UF, NF & RO
HYDRIFLUX NP NO. 366	A highly concentrated, low foaming, non-chlorinated alkaline liquid cleaner.	MF, UF, NF & RO
RELI NO. 391	A liquid, low foaming sodium and potassium based non-chlorinated alkaline cleaner. This product is highly concentrated to maintain a buffered pH.	MF, UF, NF & RO
ALKABUILD NO. 393	A liquid, low foaming, potassium based non-chlorinated alkaline cleaner for polysulfone and thin film composite membranes. This product is highly concentrated to maintain a buffered pH.	MF, UF, NF & RO
ELEVATE NO. 338	A buffered alkaline product specifically for use with enzymatic cleaners to maintain optimal pH during cleaning.	MF, UF, NF & RO

## ENZYME

Product Name	Product Description	Application Category
ENZYTERGE NO. 400	A neutral, protease liquid cleaner that contains surfactants and highly concentrated enzymes, twice the enzymatic activity of Hydrizyme.	MF, UF, NF & RO
HYDRIZYME APE FP1403	A neutral, liquid cleaner that contains concentrated enzymes, surfactants and stabilizers. Removes both protein and starch-based soils in one cleaning step. Contains specialty surfactants to improve cleaning of organic materials.	MF, UF, NF & RO
HYDRILASE C NO. 507	Highly concentrate liquid cleaner for the removal of cellulose material from membrane surface.	MF, UF, NF & RO
ARCADIA NO. 314	A neutral, liquid cleaner that contains stabilizing surfactants and concentrated enzymes for use on reverse osmosis, nanofiltration, ultrafiltration and microfiltration membranes.	MF, UF, NF & RO

## ACID

Product Name	Product Description	Application Category
REFLUX NO. 193	A concentrated blend of phosphoric and nitric acids liquid, low foaming acid cleaner used to remove mineral deposits membrane systems.	MF, UF, NF & RO

## SURFACTANTS

Product Name	Product Description	Application Category
APOLLO NO. 327	A highly concentrated nonionic surfactant additive free of nonylphenol ethoxylate (NPE) used to improved fat removal and cleaning of organic soils.	MF, UF, NF & RO
BRIGHT CLEANSE NO. 321	A highly concentrated, non-phosphate, nonionic surfactant additive used to remove fat, protein, and other organic impurities.	MF & UF
DETBUILD NO. 394	A highly concentrated anionic liquid detergent cleaner.	RO & NF

## ADDITIVES

Product Name	Product Description	Application Category
SAN-I-KING NO. 451	An EPA registered, no-rinse chlorine sanitizer, 12.5% available chlorine. Broad spectrum kill. One ounce per 10 gallons equals 200 ppm.	MF & UF
MEMBRANE ADDITIVE NO. 531	A low odor liquid, low foaming, fast dissolving, sulfite solution soak cleaner for reverse osmosis and ultrafiltration membranes. Used to maintain an environment that prevents bacterial growth.	MF, UF, NF & RO
ULTRASOLV NO. 580	A highly concentrated water-soluble solvent additive for cleaning UF membrane systems.	MF, UF, NF & RO
D-SCALE NO. 556	A liquid, non-phosphate, heavy-duty calcium deposit remover designed to remove beer stone, milk stone and hard water scale.	MF, UF, NF & RO

## SOAK

Product Name	Product Description	Application Category
HYDRISOAK NO. 180	An acid anionic product that is used as a preservative soak for membranes.	MF, UF, NF & RO

## SANITIZER

Product Name	Product Description	Application Category
HYDROXYSAN PLUS NO. 490	Used in the dairy, food, wine, and beverage processing industry for CIP pipeline, filling machines, bottle washing, and tank cleaning, sanitization, and disinfection. Additional primary uses include slime and biofouling control in RO and UF membranes, the pulpand paper industry, dispersed pigments and coating industries.	MF, UF, NF & RO
HYDROXYSAN + NO. 494	An EPA registered food contact surface sanitizer formulated for use on hard, nonporous surfaces. Cleans, disinfects and deodorizes hard, non-porous surfaces by killing many odor-causing microorganisms.	MF, UF, NF & RO