

# AM-23\*

(Hazardous)

Thin Film Composite RO Membrane Alkaline Cleaner  
*Especially Formulated for Removing Oil, Grease, Biological Matter & Grime*

AM-23\* is a non-chlorinated alkaline product formulated for the requirements of TFC type RO membranes. It has good soil suspending characteristics, and is designed to function at low temperatures up to 120°F. AM-23\* should be used under minimum pressure and maximum flow condition.

## SPECIFICATIONS:

• Appearance and Odor	White pellets with no distinct odor.
• pH (0.5% solution)	14
• Solubility in Water	111g/ 100g of Water
• Vapor Density (Air=1)	>1.0
• Melting Point	604 °F (318 °C)
• Boiling Point	2534 °F (1390 °C)
• Specific Gravity	Approx. 2.13
• Stability	Stable when stored in a closed container under cool, dry conditions. Very hygroscopic.

## WARNING

**CORROSIVE!** Severe irritant. Effects from inhalation of mist vary from mild irritation to serious damage of the upper respiratory tract, depending on severity of exposure. Symptoms may include sneezing, sore throat or runny nose, severe burns of mouth, throat, and stomach. Severe scarring of tissue and death may result. Symptoms may include bleeding, vomiting, diarrhea, fall in blood pressure. Damage may appear days after exposure. Severe pneumonitis may occur. Contact with skin can cause irritation or severe burns and scarring with greater exposures. Causes irritation of eyes, and with greater exposures it can cause burns that may result in permanent impairment of vision, even blindness. Prolonged contact with dilute solutions or dust has a destructive effect upon tissue. Wear impervious protective clothing, including boots, apron, gloves, lab coat or coveralls, as appropriate, to prevent skin contact. Use chemical safety goggles and/or full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area. Keep in a tightly closed container. Protect from physical damage. Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatibilities. Contact with acids and organic halogen compounds, especially trichloroethylene, may cause violent reactions. Contact with nitromethane and other similar nitro compounds causes formation of shock-sensitive salts. Contact with metals such as aluminum, magnesium, tin, and zinc cause formation of flammable hydrogen gas.

***Applied Membranes, Inc. assumes no liability for results obtained or damages incurred through the improper application of the above information and data.***

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