

NALCO® 3935

Microorganism Control Chemical



Product Bulletin

PRODUCT DESCRIPTION AND APPLICATION

NALCO 3935 is a competitively priced alternative to gaseous chlorine, intended for use in recirculating and once-through water system.

Used alone or in conjunction with Nalco ACTI-BROM or chlorine stabilizer technology, NALCO 3935 represents a cost effective way to eliminate gaseous chlorine.

Product Benefits

- Competitively priced
- Safer than gaseous chlorine
- Excellent microbiological control
- Nalco expertise in feeding and monitoring

PHYSICAL & CHEMICAL PROPERTIES

| | |
|------------------------|------------------------------------|
| Appearance | Light yellow to light green liquid |
| Odor | Chlorine |
| Flash Point | Not flammable |
| Specific Gravity @20°C | 1.18 – 1.29 |
| Solubility in Water | Complete |
| pH (100%) | 12.5 – 13.5 |
| Boiling Point | 100°C |

NOTE: These physical properties are typical values for this product. Please refer to the Material Safety Data Sheet (MSDS) for the most current data and complete information.

ACTIVE CONSTITUENTS

Ingredients are considered proprietary. See the MSDS for information on regarding hazardous components.

REGULATORY APPROVALS

Please refer to the MSDS, SECTION 15, for the most recent information on approvals.

MATERIALS OF COMPATIBILITY

Incompatible Materials

Contact with strong acids (e.g. sulfuric, phosphoric, nitric, hydrochloric, chromic, sulfonic) may generate heat, splattering or boiling and toxic vapors. Contact with reducing agents (e.g. hydrazine, sulfites, sulfide, aluminum or magnesium dust) may generate heat, fires, explosions and toxic vapors.

See your local Nalco representative for compatibility information.

DOSAGE AND FEEDING

For complete dosage, feeding points and feeding equipment, consult your Nalco representative.

ENVIRONMENTAL AND TOXICITY DATA

Please refer to the MSDS, SECTIONS 11 and 12, for the most current data.

SAFETY AND HANDLING

Contact with acids liberates toxic gas.

Conditions to Avoid

Heat and light which can accelerate decomposition. Sodium hypochlorite releases chlorine when heated above 35°C. If this should occur, the drum should be properly vented. Protective equipment should be utilized to prevent eye and skin contact or exposures above the regulated level for chlorine gas.

Please refer to the MSDS, SECTIONS 3 and 8, for the most current data.

STORAGE

Store in accordance with local regulations.

Store in suitable labeled containers. Stable under normal conditions. Slowly decomposes with the formation of sodium chloride and sodium chlorate and the generation of oxygen.

The recommended in-plant storage limit is two months in unopened drums. Keep containers closed when not in use.

Please refer to the MSDS, SECTION 7, for the most current data.

REMARKS

If you need assistance or more information on this product, please call your nearest Nalco Representative. For more news about Nalco Company, visit our website at www.nalco.com.

For **Medical and Transportation Emergencies** involving Nalco products, please see the Material Safety Data Sheet for the phone number.