

Monarch[®]

Liquid HD 325

PRODUCT DESCRIPTION

Monarch Liquid HD 325 is a liquid, chlorinated detergent for pipeline and mechanical bulk tank cleaning.

BENEFITS

Effective

- Prevents burning of stainless steel by undissolved powders.
- No white films — leaves stainless steel bright and shiny.
- Works in systems that cannot tolerate foam.
- Easily dispensed — no complicated mixing equipment.
- Excellent solubility — no undissolved residues.
- Non-corrosive to stainless steel when used at recommended dilutions.
- Chlorinated formula attacks and removes protein soils.
- Leaves equipment spot-free.
- Low foaming formulation.
- Contains chlorine and water conditioning agents.

Saves Time and Labor

- Labor savings — no mixing or dissolving required; no additives required.
- Provides excellent cleaning results at economical rates.

ECOLAB[®]

Liquid HD 325

PROPERTIES

Form	liquid	Specific gravity	1.210
Color	light yellow	Pounds per gallon ...	10.08 (4.57 kg)
Foam	none	Alkalinity	
		Active as Na ₂ O	9.0%
		Total as Na ₂ O	11.3
		Available chlorine	2.8%

Formula ingredients contain no phosphorus.

USE

CLEANING PIPELINES AND RELATED EQUIPMENT

1. Pre-rinse with 100-110°F (38-43°C) water.
2. Circulate or spray Liquid HD 325 at 1 ounce to 3 gallons (2.6 mL/L) of water for 10 minutes. For hard water areas, high concentrations may be required.
3. Rinse with potable water.
4. Acid rinse with an approved pipeline acid.
5. Sanitize prior to use with approved Monarch sanitizer.

Consult your Ecolab Representative for specific use instructions and recommended dispensing equipment. Please refer to the Material Safety Data Sheet before use.

For cautionary and first aid information, consult the Material Safety Data Sheet (MSDS) or product label.

ECOLAB FOOD & BEVERAGE DIVISION

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