

# AUTOMATIC LIQUID

Product # 224

## Dish detergent with chlorine

This liquid detergent features a low-foaming, biodegradable formula designed for use in carousel, conveyor and other spray-wash automatic glass washing machines. It combines a powerful blend of cleaning agents and 1% chlorine to quickly cut through soils, residue, lipstick and oils to leave glassware sparkling. It also contains special corrosion inhibitors to help prolong equipment life and reduce maintenance costs.

### Use In:

- Carousel Washers
  - Conveyor Washers
  - Spray Washers
- \*\* Not for hand washing.

### Effective Against:

- Grease and oils
- Heavy food buildup
- Beverage residues
- Lipstick

### Features and Benefits

- Low-foaming detergent developed for automated glass washing machines.
- Powers away various soils, residue and oils to leave glassware sparkling clean.

### Properties

Appearance.....	Light yellow liquid
Fragrance.....	Chlorine
Specific gravity.....	1.18
Flash point.....	None
pH.....	> 12.5
Phosphates.....	None
Chlorine.....	1% by wt.
Stability.....	1 year
VOC content.....	0% by wt.
Solubility.....	Complete in water
Foaming.....	Low foaming

**Directions** Complete directions on product label  
Use ½ to 1 ounce of concentrate per gallon of water in the wash tank. Hard water may require additional detergent.

### Ingredients

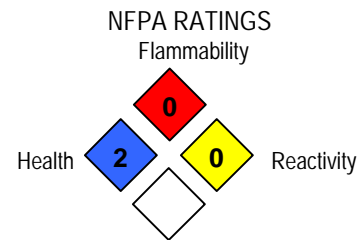
	CAS Number
Water .....	7732-18-5
Potassium Hydroxide .....	1310-58-3
Potassium Silicate .....	1312-76-1
Tetrasodium Ethylenediamine Tetraacetate.....	64-02-8
Sodium Hypochlorite .....	7681-52-9

### Safety

Danger: May be corrosive to metals. Harmful if swallowed. Causes severe skin burns and eye damage. Keep out of the reach of children.

### DOT Shipping (ground transportation)

Proper Shipping Name: Compounds, cleaning liquid  
(sodium hypochlorite, Potassium hydroxide)  
Class: 8  
ID Number: NA1760  
Packing Group: II



### Quantities

55 gallon  
35 & 30 gallon  
5 & 6 gallon  
6x1 & 4x1 gallon

**TOTAL  
SOLUTIONS<sup>®</sup>**

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