

Resolution

Specialized formula for heavy soil loads and hard water conditions

NOBLE

CONCENTRATED Commercial Heavy-Duty Machine Warewashing Detergent

Detergente resistente comercial concentrado para máquinas lavaplatos

Manufactured for:
Clark Core Services, LLC
2205 Old Philadelphia Pike
Lancaster, PA 17602
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GENERAL DESCRIPTION

RESOLUTION is a specially formulated heavy duty detergent designed to produce clean and sparkling tableware with one pass through the dishwasher. **RESOLUTION** is formulated to handle the toughest food soils in all water conditions in either High Temperature or Low Temperature dish machines. **RESOLUTION** is dispensed directly from the shipping container, thus eliminating messy spills and unsightly dish areas. This unique product is formulated to be dispensed through an automated injector system, assuring the lowest possible use cost.

PHYSICAL PROPERTIES

Chemical Composition: Alkaline base; soil and mineral sequestering agents for water conditioning; metal and glaze protectants.

Appearance.....	Clear Red Liquid
pH.....	14
pH of 1% solution.....	12.4
Specific gravity.....	1.34 (11.2 lbs/gal)
Solubility.....	Complete and Fast
Stability.....	1 Year @ Ambient Temperature
Caustic.....	Present
Foaming.....	Low
Biodegradable.....	Yes, all surfactants
Water Hardness Tolerance.....	15 Grains Per Gallon at 0.3%
.....	10 Grains Per Gallon at 0.2%
.....	5 Grains Per Gallon at 0.1%

PACKAGING

147RESOLUTN: (2) - 2.5 gal. plastic jug (640 oz.) - 56 lbs. net / 59 lbs. gross
147RESOLUTN1G: (4) - 1 gal. plastic jug (512 oz.) - 45 lbs. net / 49 lbs. gross
999RESOLUTN1G: (1) - 1 gal. plastic jug (128 oz.) - 11.2 lbs. net / 12 lbs. gross

RECOMMENDED RANGE OF USE CONCENTRATIONS:

Titrate with Institutional Alkalinity Test Kit. Use range is 0.1% to 0.3%, or 3 to 9 drops (each drop = .033%) using a 10 ml sample and 3 drops of Phenolphthalein Indicator. Select actual use concentration to handle water hardness and soil load. NOTE: To properly titrate, adjust for raw water alkalinity by titrating H2O just as you would a detergent solution. Subtract that number from total drop titration to derive intended detergent concentration.

Example: Raw water titrates 2 drops; total drop titration equals 8 drops.
(8 - 2 = 6 x .033% = 0.2%)

HANDLING PRECAUTIONS

CAUTION

KEEP OUT OF REACH OF CHILDREN.

DANGER

HAZARD STATEMENTS

- Causes severe skin burns and eye damage

PRECAUTIONARY STATEMENTS

PREVENTION: Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. **GENERAL ADVICE:** Immediately call a POISON CENTER or doctor/physician. **EYES:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. **SKIN:** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. **INHALATION:** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. **INGESTION:** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. **STORAGE:** Store locked up. **DISPOSAL:** Dispose of contents/container to an approved waste disposal plant.

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

See the product label and SDS for a complete list of precautionary statements.