



# ASTRO-CHEM

## Industrial Degreaser Cleaner Concentrate

### DESCRIPTION

A powerful high active, water soluble, degreaser cleaner concentrate that is formulated for extremely tough industrial and commercial cleaning applications. Manufactured with a unique combination of detergents, emulsifiers, sequestrants, metal corrosion inhibitors, alkaline builders, penetrants, chelating agents and water soluble solvents to yield a highly versatile formula.

### PRODUCT FEATURES / BENEFITS

- Water-based and pleasantly fragranced / Easily cleans heaviest industrial oil and greases with a minimum of labor
- Multiple dilutions / Highly versatile
- Not recommended for use on glass or water-based painted surfaces.
- Dilutions safe for use on all ferrous and non-ferrous surfaces / Designed for hand and mechanical applications including high pressure washing
- Extra heavy duty industrial strength / Versatile and pleasant to use

### DIRECTIONS FOR USE

This industrial strength degreaser/cleaner is the fastest, safest, labor saving cleaner for all washable surfaces. Especially optimized as a powerful degreaser/cleaner for industrial use, heavy equipment cleaning, building maintenance and housekeeping automotive, marine, hospitals, food processing, schools, stores, hotels, motels, municipalities, farms, industrial products in process, recreation industry, pre-painting cleaning, automotive shops, air conditioning and all other cleaning of stubborn soils from washable surfaces. Extensive research and field testing has proven strong solutions of this versatile cleaner will make the toughest cleaning jobs easy, while dilute solutions can just as effectively be used for scrubbing, mopping and general cleaning. Using the dilution chart below as a guideline, apply to soiled surfaces by spraying, mopping, wiping, brushing,

pressure cleaning, foaming, dip tank, ultrasonic cleaner, or other available methods. Allow sufficient time to work, agitate if necessary, rinse and allow to dry.

For Food Contact Surfaces: Rinse thoroughly with potable water before reuse.

DILUTION	OZ./GAL	APPLICATION
1:8	16	Industrial Plants, Marine Areas, Repair Shops, and Garages
1:16	8	Parts Cleaning, Food Processing, Equipment, Air Conditioning, Floors, Automotive, Pre-paint Areas
1:32	4	Routine Housekeeping
1:100	1-2	All Routine Medium to Light Cleaning Operations

### SPECIFICATIONS

Color .....	Opalescent Green
Odor .....	Pleasant Citrus
pH (Concentrate) .....	13.3 ± 0.4
pH (1:8) .....	12.4 ± 0.4
pH (1:16) .....	12.1 ± 0.3
pH (1:32) .....	11.9 ± 0.3
Solubility .....	Complete in water
Specific Gravity (g/cc).....	1.03 ± 0.01
Density (lbs/gal) .....	8.6 ± 0.1
High Temp. Cloud .....	> 140°F

Low Temp. Cloud .....	< 32°F
Freeze-Thaw Stable .....	Yes
Viscosity (cps) .....	< 5
Flash Point .....	None
Phenols or Cresols .....	None
Rinsability .....	Very Good
Biodegradable .....	Yes
Detergency .....	Unique Multiple Action
Cleaning .....	Superior
Shelf Life .....	1 year minimum in original unopened container

### SAFETY INFORMATION

**DANGER:** CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. MAY CAUSE RESPIRATORY IRRITATION. KEEP OUT OF REACH OF CHILDREN.

**Prevention:** Do not breathe mist or vapor. Wear protective gloves/protective clothing/eye protection/face

protection. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.

**Response:** If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. 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/doctor.

**Storage:** Store locked up.

**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

#### Additional safety measures:

Read the entire label and SDS before using this product, and for additional first-aid measures. SDS for this product is available on the web at [www.nclonline.com](http://www.nclonline.com)

Meets the requirements for USDA Authorization Class A4, A8 For Commercial and Industrial Use Only



DEGREASER



401 N. 10th Street • Philadelphia, PA 19123  
1-800-NAT-CHEM • 215-922-1200 • FAX: 215-922-5517  
[www.nclonline.com](http://www.nclonline.com) • e-mail:[info@nclonline.com](mailto:info@nclonline.com)