

Eco Scrub HD

Technical Data Sheet

Foaming Industrial Cleaner & Degreaser

ECO SCRUB HD is a highly concentrated industrial cleaner which can be diluted to fit countless applications. These applications include: asphalt removal, oil clean-up, grease removal, heavy equipment cleaning, restaurant degreasing, carbon removal, carpets, protein stains and parts washing. Its superior degreasing ability comes from a patented ingredient that safely lifts grease away from any surface without the use of solvents. It easily removes petroleum-based oils and vegetable and animal fats, along with dirt and grime. Other products are solvent or butyl-based cleaners. They work by emulsifying the grease from the top of the stain down to the surface where it lies. ECO SCRUB HD encapsulates each hydrocarbon molecule, effectively lifting it from the surface. This also means that ECO SCRUB HD will not break down the hydrocarbons to where they absorb water, picking up weight, sinking them to the bottom of the grease trap or containment unit. Greases and oils remain in a state that makes them easy to remove.

ECO SCRUB HD ships non-hazardous, non-corrosive and is non-regulated per the US DOT.

FEATURES AND BENEFITS:

- Non-Butyl
- Non-Solvent; No VOC's
- High detergency moderate foaming formula
- Noncorrosive and 100% Biodegradable
- Lifts greases; cuts animal and vegetable fats
- Cleans and dissolves in one easy step
- Safely lifts dirt, soot, carbon and grime from most surfaces
- Highly concentrated formula
- Removes heavy build-ups of hydraulic fluids and grease
- Removes petroleum-based oils and asphalt
- Emulsifies greases and oils allowing them to be easily removed

TYPICAL PHYSICAL PROPERTIES:

Appearance and Color	Clear to colorless liquid
Initial Freeze Point	32°F (0°C)
Odor	Mild detergent odor
Solubility in Water	100%
Melting Point	N/A
Flashpoint	N/A
Specific Gravity	.98 ± .04

DIRECTIONS FOR USE:

Use per your own specifications and requirements. Dilution ratios may vary based on the specific application. Consult a Heartland Energy Group, Ltd. Representative for application recommendations.

ECO SCRUB HD can be applied by mop, pump-up sprayer, or through an auto scrubber. Pre-treatment of severely soiled areas is always advised. Double scrubbing of severely soiled areas is an additional technique to improve the appearance of the surface to be cleaned. Suggested rates: For daily use or light soils use at 4 ounces per gallon. For medium soils use at 5-8 ounces per gallon. For heavy duty soils use at 8-12 ounces per gallon. For treatment of severely soiled areas mix at one to one and allow product to soak for 10 -15 minutes prior to scrubbing or rinsing.

STORAGE AND HANDLING:

Rinse empty container with water and discard as per federal, state and local guidelines.

PACKAGING:

Eco Scrub HD is packaged in 5 gallon to 275 gallon containers. Bulk quantities are available upon request.



BEFORE



AFTER

Recommendations given in this data sheet are based on tests believed to be reliable. However, the use of the information is beyond the control of Heartland Energy Group, Ltd. and no guarantee, expressed or implied is made to the results obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage from the misuse of the product as such, or in combination with other materials. This bulletin is not to be taken as a license to operate under or recommendation to infringe any patent.

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