

Eco Scrub LF

Technical Data Sheet

Low Foaming Industrial Cleaner & Degreaser

ECO SCRUB LF is unlike any industrial cleaning and automatic floor scrubbing product in the world. 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 which work by emulsifying the grease from the top of the stain down to the surface where it lies. ECO SCRUB LF encapsulates each hydrocarbon molecule, effectively lifting it from the surface. This also means that ECO SCRUB LF 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 LF ships non-hazardous, non-corrosive and is non-regulated per the US DOT.

FEATURES AND BENEFITS:

- Non-Butyl
- Non-Solvent
- No VOC's
- Highly concentrated low foaming formula
- Non-corrosive 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
- An excellent choice for automatic floor scrubbing equipment
- Removes heavy build-ups of hydraulic fluids and grease
- Ideal for carpet extraction equipment and rotary floor machines
- 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 LF 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 area mix at one to one and allow product to soak for 10 -15 minutes prior to scrubbing.

STORAGE AND HANDLING:

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

PACKAGING:

Eco Scrub LF is packaged in 5 gallon to 275 gallon containers.



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.