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# ChemWorld ALK HD

**Concentrated Alkaline Soak Cleaner for Oil and Carbon Based**

**General Manufacturing, Automotive, Diesel Engine, Production Baking, and Locomotive Soils**

ChemWorld ALK HD is an alkaline liquid multi-metal safe heavy duty cleaner for removing very heavy deposits of carbon, greases, oils, waxes, and other soils from aluminum, steel, tin-plate, aluminized steel, and other soft metals. ChemWorld ALK HD is excellent on heavy baked on carbon deposits typically found in food and transportation re-manufacturing facilities. ChemWorld ALK HD reduces the reliance on Hazardous Air Pollutants found in most carbon removal operations. ChemWorld ALK HD runs at a more moderate pH compared to most carbon penetrants, and is formulated to dissolve and 'lift' the soils from the metal substrate to allow for easy skimming and removal of oils and greases.

## PHYSICAL PROPERTIES

Form:	Liquid
Specific Gravity:	1.10
Appearance:	Slightly Hazy Liquid
Odor:	Mild solvent
pH (100%):	< 13.0
pH (15%):	12.1 +/- 0.1
Foaming:	For Immersion Only
Rinsing:	Very Good; Complete
Hard water stability:	Excellent
Biodegradable:	Yes
HMIS Rating:	1,0,0

## APPLICATIONS

Atlantic Kleen IL-16M is mixed at 5% to 20% dilution by volume with water depending on soils and tank conditions.

Minimum Recommended Operating:	120°F
Target Recommended Operating Temperature:	150 - 160°F
Maximum Operating:	160°F without agitation 170°F with constant and through mixing.

## PRODUCT SAFETY

Materials: Safe on all metals. PERSONNEL: ALKALINE LIQUID. DO NOT SWALLOW. In case of skin or eye contact flush with water and seek medical attention. If ingested, do not induce vomiting, seek medical attention. Consult MSDS form for complete safety recommendations.

**CONTAINERS** Bulk, 330, 275, 55, 30, 15, and 5-gallon containers.