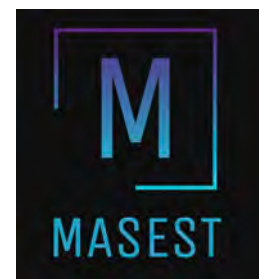


VertKleen CR HD

HIGH DETERGENCY HIGH FOAMING INDUSTRIAL CLEANER AND DEGREASER



- Non-Butyl
- Non-Toxic
- Non-Solvent
- Lifts Grease
- Cuts Animal Fats
- Cuts Vegetable Fats
- Non-Emulsifying
- Reduces Grease Trap Maintenance
- Low Foam and Neutral pH Formulations
- NSF Certified
- Airbus AIMS09-00-002
- Boeing D6 7127 Rev P217
- Boeing D6 17487 Rev T
- Douglas CSD No 1 Type I

VertKleen CR HD is unlike any industrial degreaser on the market. Its superior degreasing power comes from a patented ingredient that safely lifts grease from any surface without the use of solvents. As such, it easily removes petroleum-based oils, vegetable and animal fats, along with dirt, protein, soils and more.

Other degreasers, are solvent or butyl based, and work by emulsifying the grease from the top of the stain down to the surface where it lies. VertKleen CR HD encapsulates each hydro-carbon molecule, lifting it from the surface. This means VertKleen CR HD does not break down the hydrocarbons to where they absorb water, take on weight and sink to the bottom of a grease trap or containment unit. The grease pulled away by VertKleen CR HD remains in its original form.

VertKleen CR HD also contains detergent, wetting and sequestering agents, penetrates, rust and corrosion inhibitors making it a true all-in-one cleaner for any use. And a little goes a long way. At a 5:1 dilution VertKleen CR HD easily removes caked-on hydraulic fluid. At 10:1 VertKleen CR HD easily cleans a dirty fry hood, or removes caked on milk residue. Use at 30:1 for carpets, vehicles or floors. Even at 100:1 VertKleen CR HD will clean filthy windows and leave behind a streak free finish.

VertKleen CR HD is so safe it is recommended by truck giants Volvo and Mack to safely clean big rigs. It is also used by major commercial airlines to wash airplane exteriors and interiors. The formulation was even used to clean the Space Shuttle.

The HD stands for high detergency which will provide ample foam. Ask about VertKleen LF (low foaming) for applications where foam is not desired. VertKleen CR HD works equally with cold or hot water and is safe for use in rotary, steam cleaning machines and car parts washers.

Since VertKleen CR HD comes with a triple-zero HMIS score, you can store and use the product without special considerations.

NSF certified A1, A4, A5, A8, C1 and K1. VertKleen CR HD is also certified Kosher Pareve in our food processing line VertKleen.

The formula and its ingredients meet or exceed the EPA's Safer Choice program requirements for both the safety of the environment and the user.



AIRBUS



For technical support or more information call 813-406-3852 or email matthew@masest.co

Technical Data

BIODEGRADABLE: Yes/100%
FORM: Liquid
ODOR: Mild Soapy Odor
COLD STABILITY: -18° F
DETERGENCY: Excellent
PHOSPHATES: None
WETTING ABILITY: Excellent

FLAMMABILITY: Non-Flammable
BOILING POINT: 245° F
SOLUBILITY IN WATER: 100%
VOCs: None
VOLATILE BY VOLUME: N/A
CARCINOGENS: None
SHELF LIFE: 2 Year

Common Uses

VertKleen CR HD is a super concentrated industrial cleaner which at different dilutions can be used in almost countless environments.

Cleaning Uses
Drilling Rigs
Asphalt Removal
Oil Cleanup
Grease Removal
Heavy Equipment
Rental Yards
Restaurant Degreasing
Carbon Removal
Truck or Auto Washing
Carpets
Shop Floors
Protein Stains
Parts Cleaner/Degreaser
Wheel Cleaning

DOT STATEMENT

Non-D.O.T. Regulated/Non-D.O.T. Hazardous
EXEMPT as per 49 CFR 173.154(d) (1) <6.25 mmpy

D. O. T. classifies a material to be corrosive and hazardous if it has a corrosion rate that exceeds 6.25 mmpy on SAE C1020 carbon steel or 7075- Y6 Aluminum.

Dilution Specification

Please refer to the product label.

Toxicity Studies

Toxicity Limits: Test Procedure OECD 202, 48 hr. LC 50 and LD 50 (rat oral: NON-TOXIC

Mutagenicity Limits: OECD Guidelines Sec. 471 Chemicals:
NON-MUTAGENIC

Dermal Irritation & Corrosion

A modified Draize method was used as described in OECD Guidelines for the Testing of Chemicals Sec. 404 and complies with the requirements of OECD Principles of GLP, Annex revised as of July 1992.

VertKleen CR HD is classified as a "Non-Skin Irritant".

Biodegradation & Aquatic Safety

Test Procedure: Hach Reactor Digestion method for Waste Water and Sea Water. Hach Reactor Digestion Method is a semi-micro adaptation of the Standard Methods.

VertKleen CR HD is 100% Biodegradable.

Classifications & Approvals

D.O.T., IMO, IATA , IMDG - Non-Regulated

TDG - Non-Regulated to and through Canada

SARA 313 311/312 - This product does not contain any ingredients that are subject to the reporting requirements.

California Prop 65 - This product does not contain any ingredients known to the state of California to cause cancer, birth defects or any other reproductive harm.

FDA - Recognized as Safe (GRAS)

USDA Authorization

A1, A2, A4, A8, C3

NSF

A1, A2, A3, A4, A5, A8, C1, C2 & D1

Additional Studies & Results: When tested, VertKleen CR HD showed no potential for the generation of Carbon Dioxide under NIOSH 7903, OSHA & ACGIH testing protocols governing workplace environments.