



LOW FOAMING INDUSTRIAL CLEANER AND DEGREASER



- Non-Butyl
- Non-Solvent
- Lifts Grease
- Cuts Animal Fats
- Cuts Vegetable Fats
- Non-Emulsifying
- USDA and FDA Compliant
- Reduces Grease Trap Maintenance
- Low Foaming
- Non-Corrosive

SynClean LF (Low Foam) 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 and vegetable and animal fats, along with dirt, soils and grime.

Other degreasers 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. SynClean encapsulates each hydrocarbon molecule, effectively lifting it from the surface. This also means that we do not break down the hydrocarbons to where they absorb water, picking up weight, sinking them to the bottom of a grease trap or containment unit. The grease we pull away remains in a form to be easily removed.

SynClean also contains detergents, wetting agents, sequestering agents, penetrates, rust and corrosion inhibitors making it a true all-in-one cleaner for any use. A little goes a long way! At a 10:1 dilution, SynClean easily removes caked-on hydraulic fluids or grease. Use at 30:1 for carpets, vehicles, floors, etc. SynClean works great with warm or cold water and is safe in steam cleaners and rotary machines. SynClean LF is ideal for carpet and rotary cleaners or any process which requires little to no foam. Ask your dealer about SynClean HD (High Detergency) as well.

SynClean will safely clean anything! While it has the power to remove asphalt from heavy machinery, it will do the same on your truck, car, RV or equipment with no danger to your finish.

SynClean LF is NSF certified A1, A4, A5, A8, C1 and K1 making it ideal for the food processing industry.



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.

Technical Data

BIODEGRADABLE: Yes/100%
FORM: Liquid
ODOR: Mild Soapy Odor
COLD STABILITY: 30° 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: 1 Year

Dilution Specification

Please refer to the product label.

Common Uses

SynClean LF 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.

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.

SynClean LF 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.

SynClean LF 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, SynCleanLF showed no potential for the generation of Carbon Dioxide under NIOSH 7903 OSHA & ACGIH testing protocols governing workplace environments.