



HIGH DETERGENCY HIGH FOAMING INDUSTRIAL CLEANER AND DEGREASER

SynClean 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 with the power of SynClean are solvent or butyl based, and work by emulsifying the grease from the top of the stain down to the surface where it lies. SynClean encapsulates each hydrocarbon molecule, lifting it from the surface. This means SynClean 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 SynClean remains in its original form.

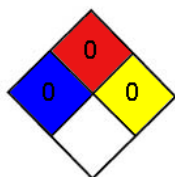
SynClean also contains detergent, wetting and sequestering agents, penetrants, rust and corrosion inhibitors making it a true all-in-one cleaner for any use. And a little goes a long way. At a 5:1 dilution SynClean easily removes caked-on hydraulic fluid. At 10:1 SynClean easily cleans a dirty fry hood,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

SynClean is so safe it is recommended by truck giants Volvo and Mack to safely clean big rigs.

The HD stands for high detergency which will provide ample foam. SynClean LF (low foaming) is for applications where foam is not desired. SynClean works equally with cold or hot water and is safe for use in rotary, steam cleaning machines and car parts washers. SynClean N (neutral) gives SynClean power with a neutral pH.

And because SynClean 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. SynClean HD has been recognized for safer chemistry by the EPA's Design for Environment program and is certified as a direct release product.



For more information contact: 03 8526 825



COMMON USES

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

Cleaning Uses:

Truck or Automatic Washing

Wheel Cleaning

Heavy Equipment & Parts Cleaner/Degreaser

Rental Yards

Drilling Rigs & Oil Cleanup

Grease, Asphalt Removal & Carbon Removal

Restaurant and Food Processing Degreasing

Workshop & Warehouse Floors

USE DIRECTIONS

Simply spray, sponge, brush or mop SynClean HD on the surface to be cleaned, agitate and rinse well with water as required.

SynClean HD is suitable to use in high pressure washing systems for trucks, buses, trains, and mining equipment.

DILUTION RATIO

Heavy Degreasing	5:1 w/ water
Degreasing	20:1 w/water
General Cleaning	30:1 w/water
Vehicle Washing	40:1 w/ water
High Pressure Vehicle Washing	100:1 w / water

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PACKAGING OPTIONS

SynClean is available in 5L, 20L or 200L drums.

For high volume applications, a 1,000L Industrial Bulk Container is also available upon request.

TECHNICAL DATA

NITRATE LEVEL: 0% - None

FORM: Liquid

ODOUR: Mild Soapy Odour

COLD STABILITY: -18° F

DETERGENCY: Strong

TOXICITY: Non Toxic

WETTING ABILITY: Excellent

STORAGE STABILITY: 3 Years+

SHIPPER REGULATIONS: None

FLASH POINT: None

BOILING POINT: 212° F

SOLUBILITY IN WATER: 100%

BIODEGRADABLE: Yes 100%

VOLATILE BY VOLUME: N/A

CARCINOGENS: None

VISCOSITY: Thin

CLASSIFICATIONS & APPROVALS

D. O. T., TDG, IM O, IATA, IMDG, SARA 313 311/312, California Prop 65 NON-regulated

FDA Approved as Safe (GRAS) USDA Authorization A1, A2, A3, A4, A7, A8, C2

Kosher Approved

MIL PRF 85570 D, Type 2

NSN 7930-11-003-7309

EPA Design for Environment Recognized for Safer Chemistry www.epa.gov/dfe

NSF A1, A4, A5, A8, C1, K1

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Toxicity Studies

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

Mutagenicity Limits: OECD Guidelines Sec. 471 Chemicals SynClean was found NOT TO BE MUTAGENIC

Dermal Irritation & Corrosion Test

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 received a Primary Irritation Score of .40 +/-0.1 and 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.

Test Results Conclude SynClean was found to be 100% Biodegradable

COD = **Low Detectable Limits**

BOD = **No Detectable Limits**



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

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