

Clean All

Aqueous Cleaning Concentrate

FEATURES

- Biodegradable
- Non-toxic
- Non-hazardous
- Low Foaming
- Neutral pH
- Three Component Cleaning Technology
- Rust and Corrosion Inhibitors
- Excellent for High Pressure Systems

GENERAL DESCRIPTION

Hangsterfer's Clean All is designed for dilution with water for various cleaning applications. Clean All has a three component cleaning technology, which consists of oil soluble detergents, water soluble detergents and emulsifiers. These components quickly remove dirt, oil, grease and other residues.

Clean All's neutral pH minimizes the risk of staining or tarnishing on parts or machine components. In addition, Clean All contains corrosion and rust inhibitors, which allow for maximum protection of metal surfaces. Clean All is engineered to be low foaming while still producing a high cleaning action. This low foaming design allows it to be used in many areas where other inferior technologies can not be used. Clean All is especially low foaming in high temperature applications.

This product is truly a unique chemistry and can function where many other technologies have failed or can not meet the technical requirements of the application.

Because of Clean All's high solvent action, spot testing should be conducted on materials before use.

APPLICATIONS

Machine Sump Cleaner	High-Pressure Cleaning Equipment
Parts Washer	High-Agitation Systems
All Purpose Cleaner	High-Temperature Applications
Ultrasonic Cleaning Equipment	Automated Floor Cleaning Equipment

MATERIALS

Primary		Secondary
Aluminum	Steel	Neoprene
Concrete	Galvanized Steel	Nylon
Iron	Tin	Painted Surfaces
Stainless Steel	Zinc	Rubber

INSTRUCTIONS

Clean All should be mixed at 5% to 10% for effective machine sump/ system cleaning. Do Not Add Clean All To Your Existing Coolant. Drain coolant sump and add mixed Clean All to your sump system at the desired concentration. Add sufficient Clean All solution so that the pumps will prime and feed the total coolant system. Recirculation time should be a minimum of 30 minutes. Use auxiliary spray hose to wash down inside of machine center cabinet. A spray and wipe technique may be used for exterior surfaces close to control board and other sensitive areas. Never spray Clean All directly on to electrical controls, etc. Pump out Clean All and rinse system with water or a weak dilution of the coolant. Recharge system with mixed Hangsterfer's coolant at the correct concentration.

Hangsterfer's Laboratories, Inc.

175 Ogden Road
Mantua, New Jersey 08051
United States of America

www.hangsterfers.com

tel: +1-856-468-0216
fax: +1-856-468-0200
toll free North America: +1-800-433-LUBE

OPERATION	CONCENTRATION		
	%	Ratio Concentrate: Water	Refractometer
Machine Sump Cleaner	5% - 10%	1:20 – 1:10	1 - 2
Parts Washer	2% - 15%	1:50 – 1:7	0.25 - 3
All Purpose Cleaner and Automated Floor Cleaning Equipment	2% - 5%	1:50 – 1:20	0.25 - 1
Ultrasonic Cleaning Equipment	2% - 15%	1:50 – 1:7	0.25 - 3
High-Pressure Cleaning Equipment	2% - 10%	1:50 – 1:10	0.25 - 2
High-Agitation Systems	2% - 10%	1:50 – 1:10	0.25 - 2
High-Temperature Applications	2% - 10%	1:50 – 1:10	0.25 - 2

**Diluted with water, Clean All works as a machine sump cleaner, in parts washer systems and as an all-purpose cleaner solution.*

PRODUCT CHARACTERISTICS: Clean All	
Form	Liquid
Color	Golden
Odor	Mild
Specific Gravity	1.04
Viscosity: SUS @ 100°	16
cSt @ 40°C	1
Flash Point, COC, °F/°C	N/F
Fire Point, COC, °F/°C	N/F
Pour Point, COC, °F/°C	30 / -1
Solubility in Water	100%
Boiling Point, °F/°C	212 / 100
Vapor Pressure, mm Hg @ 25°	<0.1
pH @ 10%	7.6

WASTE TREATMENT

All Hangsterfer's cleaners are designed for easy waste treatment. By separating the water phase from the oil and various other contaminants, which accumulate with normal cleaning processes, you can reduce your waste disposal by 80%-90%. Hangsterfer's recommends Ultra Filtration or Chemical Treatment for removal of fats, oils, greases and heavy metals prior to disposal of the water phase. Following approval by your local authorities, your wastewater stream may be sewered while waste oils should be removed for recycling or disposal.

SHIPPING UNITS

All Hangsterfer's products are available in pails, drums and Intermediate Bulk Containers (275 or 330 gallons). All products are distributed worldwide.

5/24/2004 Revised: 3/5/2014

Disclaimer: All reasonable care has been taken to ensure that the information contained in this publication is true and accurate. No warranty is expressed or implied regarding the accuracy of the data. The general description, recommended uses, application data and statements in the product literature are guidelines. Because this product may be used for a variety of applications over which Hangsterfer's Laboratories, Inc. has no control, Hangsterfer's Laboratories, Inc. assumes no liability for incidental, consequential, or direct damages of any kind, regardless of causes, including negligence. Also, seller is not liable for any loss, damage or liability resulting from the use of the product in the buyer's manufacturing processes or in combination with other substances. MSDS's are available for all Hangsterfer's products and should be consulted as needed.

