

UNO S F

High strength Cleaner/Degreaser

⇒ Foamless Formulation

UNO S F is an aqueous based high strength degreaser which uses advanced cleaning technology to deliver outstanding performance. The excellent dissolving property of UNO S F allows the product to achieve optimal results at the operating temperatures of your cleaning equipment. UNO S F is a foamless formulation which makes it ideal for applications where foaming could interfere in the cleaning process.

Features & Benefits:

- High strength concentrate, economical to use
- Can be diluted up to 1:40 to suit all cleaning needs
- Ideal for trigger sprayer applications, hot parts washers, ultrasonic baths, dip tanks, floor cleaners and pressure washers
- Optimal cleaning temperature between 45-65°C (113-149°F)
- Can be heated up to 90°C (194°F)
- Removes oils, greases, organic contaminants, pigment coating, markers, smoke, dust, carbon deposits, etc.
- Built in corrosion inhibitors to prevent flash rusting
- Water-based, non-flammable
- Biodegradable, VOC free
- NSF registered under category code A1, registration no. 142609
- Solvent, phosphate and butyl-free
- **UNO S F** is a foamless formulation
- Also available in foamy version (**UNO S**), viscous for vertical applications (**UNO S V**) and foamless with built in corrosion protection for parts which are sensitive to oxidation (**UNO S PF**).



Description	Size		Order No.	MSDS
	Metric	Imperial		
Sprayer	500ml	16.9 oz.	53-G 023	L-48E
Liquid	3.78L	1 gal.	53-G 016	L-48E
Liquid	20L	5.2 gal.	53-G 017	L-48E
Liquid	208L	55 gal.	53-G 018	L-48E
Liquid	1000L	264 gal.	53-G 019	L-48E

ACCESSORIES

Spout for 5L pail	53-L 113
Spout for 20L pail	53-L 207
Faucet for 208L drum, 2"	53-L 209
Faucet for 208L drum, ¾"	53-L 210
Replacement trigger sprayer, 500 ml	53-L 315
Replacement trigger sprayer, 950 ml	53-L 158

Technical Information

Density	1.04 g/ml
Flashpoint	N/A
Odor/color	Mild odor, light pink
pH (at 100g/L H₂O)	<12
Rinsability	Excellent
VOC	0

MSDS available upon request or visit our web site at www.biocircle.com

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Application dilution chart:

Equipment	Dilution ratio	Dilution %	Application	Material
Trigger sprayers	1:40 - 1:30	2,5% - 3,3%	Removal of light organic contaminants	Aluminum and Non-Ferrous Alloys, Plastics
Trigger sprayers	1:40 - 1:10	2,5% - 10%	Removal of light organic contaminants	Steel, Stainless Steel, Plastic
Trigger sprayers	1:10 - Pure	10% - Pure	Removal of heavy organic contaminants	Steel, Stainless Steel
Ultrasonic baths	1:40 - 1:30	2,5% - 3,3%	Removal of light organic contaminants	Aluminum and Non-Ferrous Alloys, Plastics
Ultrasonic baths	1:40 - 1:10	2,5% - 10%	Removal of light to heavy organic contaminants	Steel, Stainless Steel, Plastics
Ultrasonic baths	1:10 - Pure	10% - Pure	Removal of heavy organic contaminants	Steel, Stainless Steel
Floor washing machines	1:30 - 1:10	3,3% - 10%	Maintenance and degreasing of floors	Tiled Floors, Hard Floors, Concrete, Epoxy Coated Floors, Linoleum, etc.
Pressure washers	1:40 - 1:30	2,5% - 3,3%	Pressure washing	Aluminum Truck Bodies, Vehicle Bodies, Siding
Pressure washers	1:30 - 1:20	3,3% - 5%	Pressure washing	Truck and Vehicle Bodies, Floors, Walls, Vinyl Sidings, etc.
Hot parts washers	1:40 - 1:30	2,5% - 3,3%	Cleaning and degreasing of parts with light organic contaminants	Aluminum and Non-Ferrous Alloys, Plastics
Hot parts washers	1:40 - 1:10	2,5% - 10%	Cleaning and degreasing of parts with light to heavy organic contaminants	Steel, Stainless Steel, Plastic
Hot parts washers	1:10 - Pure	10% - Pure	Cleaning and degreasing of parts with heavy organic contaminants	Steel, Stainless Steel
Dip tanks	1:10 - Pure	10% - Pure	Soaking of light and heavy organic contaminants	Steel, Stainless Steel

Dilution Chart

Dilution ratio	Dilution %	ml of cleaner/ 1L of water	fl. oz. of cleaner/ 1 gal of water
1:40	2,5%	25ml	3,2 fl. oz.
1:30	3,3%	33ml	4,3 fl. oz.
1:20	5%	50ml	6,4 fl. oz.
1:10	10%	100ml	12,8 fl. oz.
1:5	20%	200ml	25,6 fl. oz.
1:2	50%	500ml	64 fl. oz.

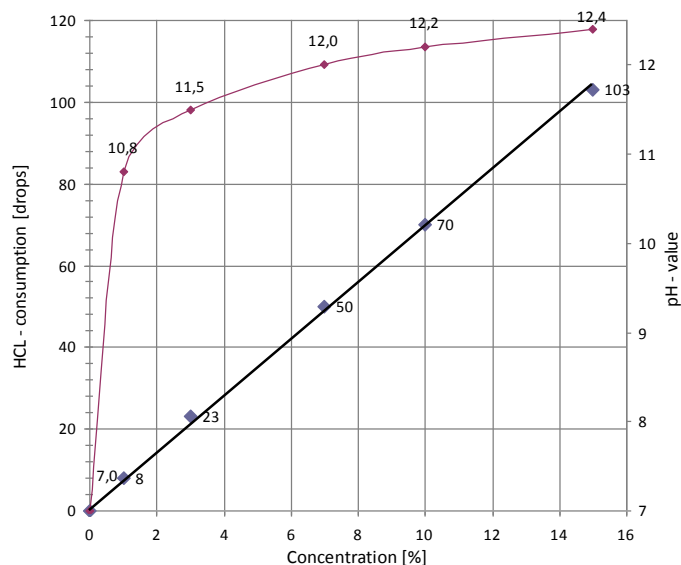
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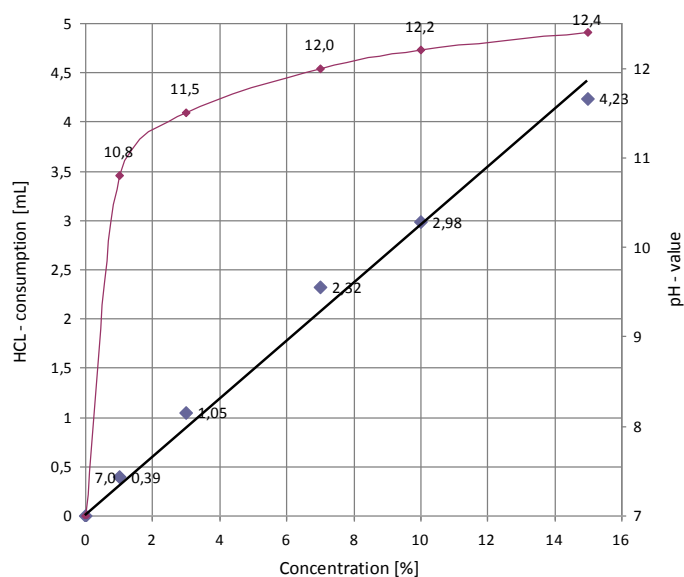
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Titration curves:



Titration instruction

Receiver: 100 ml
Titration dilution: 1.0 N hydrochloric acid
Indicator: Phenolphthaleine change over point pH9 or when turns clear (no color)
Droppers: 0.04 ml per drop



Titration instruction

Receiver: 100 ml
Titration dilution: 1.0 N hydrochloric acid
Indicator: change over point pH7

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