

# ALUSTAR 300

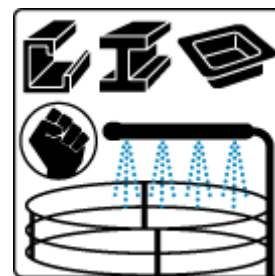
## Parts Washers Cleaner/Degreaser

⇒ **For Heavy-Duty MRO applications**

ALUSTAR 300 is a professional extra strength concentrated alkaline degreaser for fast and efficient removal of the most persistent contaminants on aluminum, steel and stainless steel in automated part washing applications. ALUSTAR 300 is formulated with the most advanced surfactant technology in order to achieve cleaning excellence in the metal working industry. ALUSTAR 300 is excellent for heavy-duty maintenance, repair and overhaul cleaning applications.

### Features & Benefits:

- Extra powerful alkaline for cleaning/degreasing in heavy-duty MRO applications
- Very low application concentration (from 0.5%)
- **Low Energy Surfactant Technology**
- Achieves optimal results between 45-65°C (113-149°F)
- Can be heated up to 90°C (194°F)
- Can be used in hot parts washers, ultrasonic baths and dip tanks
- Removes oils, greases, organic contaminants, pigment coating, markers, smoke, dust, carbon deposits, and more, from aluminum, steel and stainless steel
- Contains temporary corrosion inhibitors
- Water-based, foamless, non-flammable
- Biodegradable, Phosphate, solvent and VOC free
- Excellent substitute to solvent based cleaners!



Description	Size		Order No.	MSDS
	Metric	Imperial		
Liquid	20L	5.2 gal.	53-G 757	L-106E
Liquid	208L	55 gal.	53-G 758	L-106E

### ACCESSORIES

Corrosion inhibitor additive, 950ml	53-G 001
Corrosion inhibitor additive, 20L	53-G 927
Defoamer additive, 500ml	53-G 002
Defoamer additive, 20L	53-G 937
Spout for 20L pail	53-L 207
Faucet for 208L drum, 2"	53-L 209
Faucet for 208L drum, ¾"	53-L 210
Titration kit	53-L 160

### Technical Information

<b>Density</b>	1.09 g/ml
<b>Flashpoint</b>	N/A
<b>Odor/color</b>	Light odor, pale color
<b>pH (concentrated)</b>	13-14
<b>Rinsability</b>	Excellent
<b>VOC</b>	0

MSDS available upon request or visit our web site at [www.biocircle.com](http://www.biocircle.com)

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## Parts Washers Cleaner/Degreaser

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### Application dilution chart:

Equipment	Dilution ratio	Dilution %	Application	Material
Automated Parts Washers	1:200 - 1:5	0,5% - 20%	Cleaning and degreasing of parts with light to heavy organic contaminants	Aluminum, Steel, Stainless Steel, Plastic
Ultrasonic Baths	1:200 - 1:5	0,5% - 20%	Removal of light to heavy organic contaminants	Aluminum, Steel, Stainless Steel, Plastic
Dip Tanks	1:10 - Pure	10% - Pure	Soaking of light and heavy organic contaminants	Aluminum, Steel, Stainless Steel, Plastic

### Dilution Chart

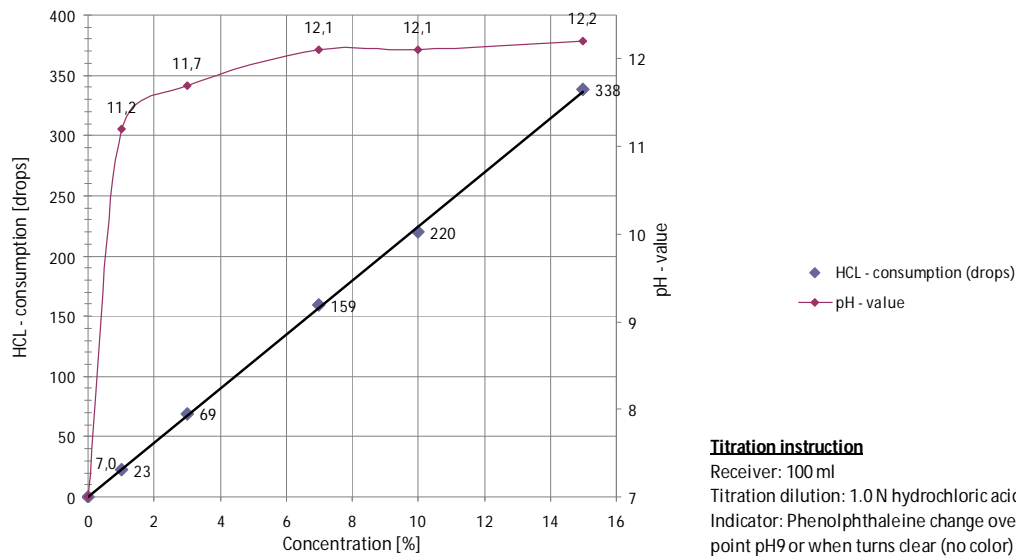
Dilution ratio	Dilution %	ml of cleaner/ 1L of water	fl. oz. of cleaner/ 1 gal of water
1:200	0.5%	5ml	0,6 fl. oz.
1:100	1%	10ml	1,3 fl. oz.
1:50	2%	20ml	2,6 fl. oz.
1:40	2,5%	25ml	3,2 fl. oz.
1:30	3,3%	33ml	4,3 fl. oz.
1:20	5%	50ml	6,4 fl. oz.
1:10	10%	100ml	12,8 fl. oz.
1:5	20%	200ml	25,6 fl. oz.
1:2	50%	500ml	64 fl. oz.

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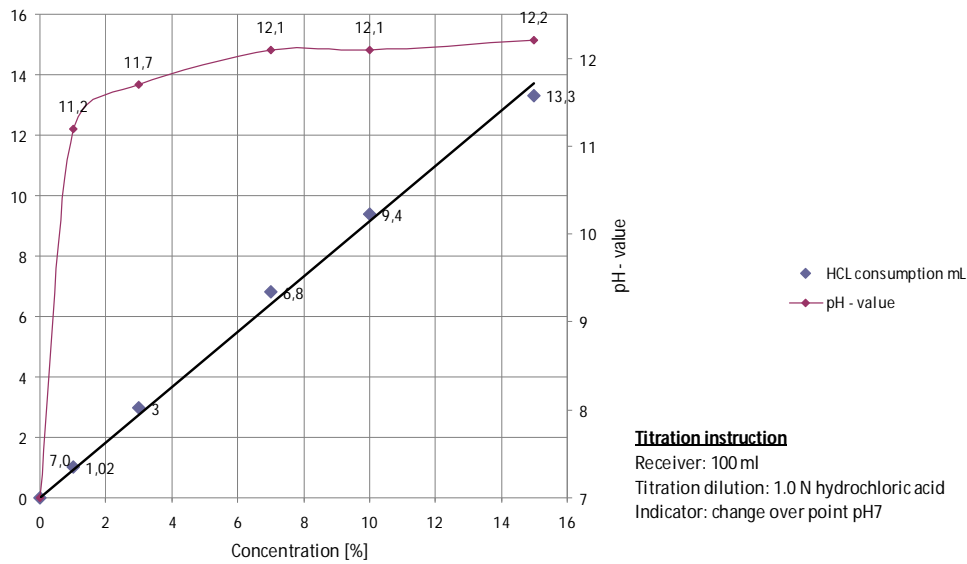
## Parts Washers Cleaner/Degreaser For Heavy-Duty MRO applications

### 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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