

# STAR 200

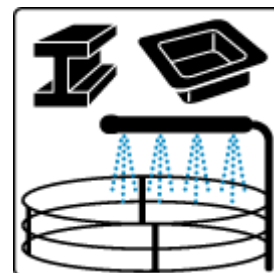
## Parts Washer Cleaner/Degreaser

### ⇒ For Ferrous Alloys

STAR 200 is a professional highly effective concentrated alkaline degreaser for cleaning of iron, cast iron, steel and stainless steel in automated part washing applications. STAR 200 is formulated with the most advanced surfactant technology in order to achieve cleaning excellence in the metal working industry. STAR 200 exhibits excellent dissolving capabilities of oil, grease, lubricants and grime.

### Features & Benefits:

- Highly effective alkaline cleaner/degreaser
- Very low application concentration (from 0.5%)
- **Low Energy Surfactant Technology**
- Optimal cleaning temperature range between 45-65°C (113-149°F)
- Can be heated up to 90°C (194°F)
- Can be used in automated parts washers, ultrasonic baths and dip tanks.
- Removes oils, greases, organic contaminants, pigment coating, markers, smoke, dust, carbon deposits, and more, from iron, steel and stainless steel
- Built-in corrosion inhibitors for temporary corrosion protection
- Water-based, foamless, non-flammable
- Biodegradable, solvent, phosphate and VOC free
- Excellent substitute to solvent based cleaners!



Description	Size		Order No.	MSDS
	Metric	Imperial		
Liquid	20L	5.2 gal.	53-G 067	L-107E
Liquid	208L	55 gal.	53-G 068	L-107E

### 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>	1.08 g/ml
<b>Flashpoint</b>	N/A
<b>Odor/color</b>	Characteristic, pale
<b>pH (concentrated)</b>	13-14
<b>Rinsability</b>	Excellent
<b>VOC</b>	0

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

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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	Steel, Stainless Steel, Plastics
Ultrasonic Baths	1:200 - 1:5	0,5% - 20%	Removal of light to heavy organic contaminants	Steel, Stainless Steel, Plastics
Dip Tanks	1:10 - Pure	10% - Pure	Soaking of light and heavy organic contaminants	Steel, Stainless Steel, Plastics

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.

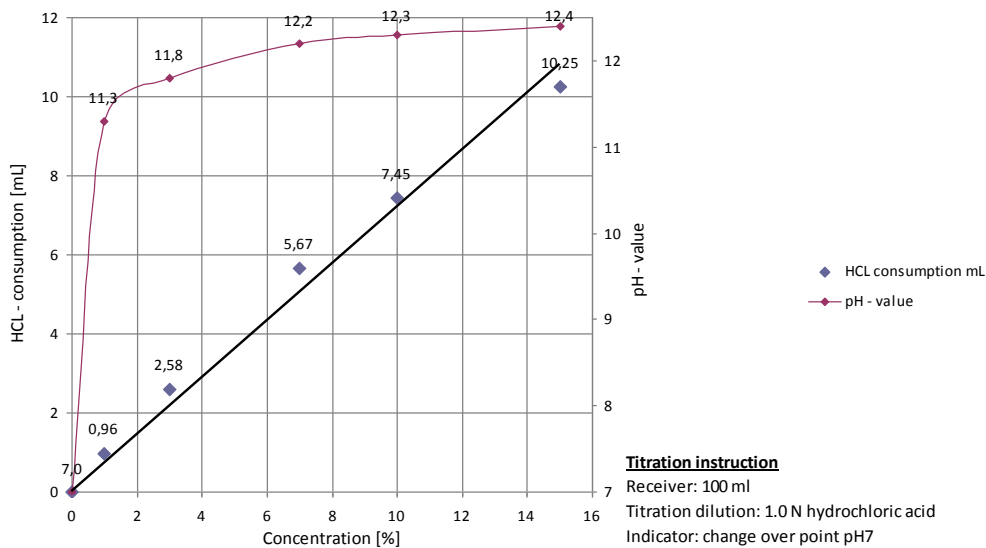
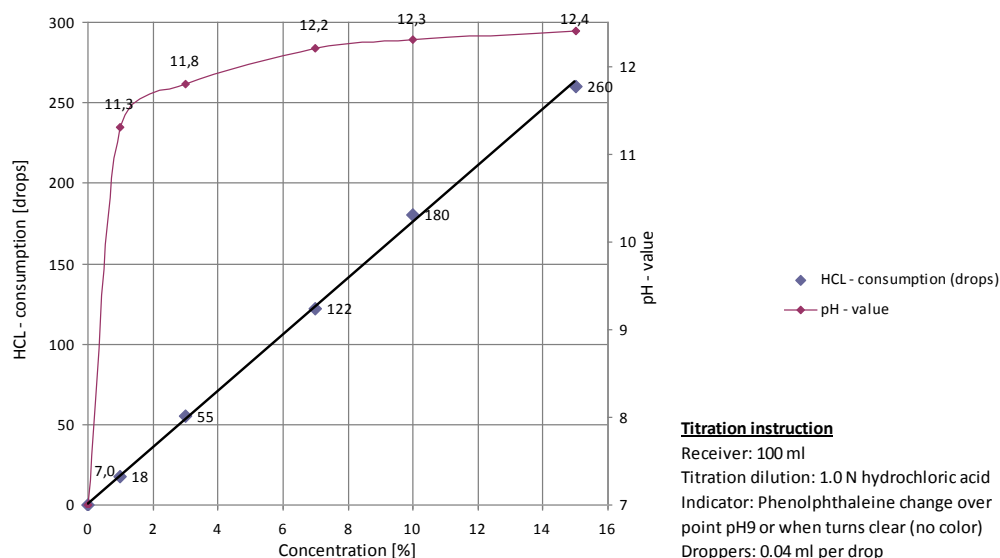
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### Titration curves:



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