

STAR 200™

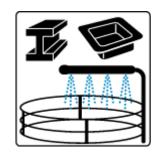
Parts Washer Cleaner/Degreaser

⇒ 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
Liquid	1000L	264 gal.	53-G 069	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

Density	1.08 g/ml (at 20°C)	
Flashpoint	N/A	
Odor/color	Characteristic, pale	
pH (concentrated)	13-14.7	
Rinsability	Excellent	
VOC	0% wt	

(M)SDS available upon request or on our web site at www.walter.com

Not for product specification. The technical data contained herein is intended as reference only and may change without notice



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Application dilution chart:

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

		Dilution Chart	
Dilution ratio	Dilution %	ml of cleaner/ 1L of water	fl. oz. of cleaner/ 1 gal of water
Dilution ratio	70	IL OI Water	I gai oi watei
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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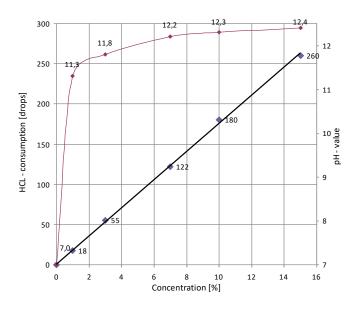


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Titration curves:



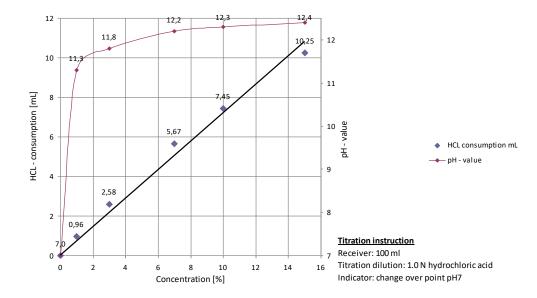
◆ HCL - consumption (drops)→ pH - value

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



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