

# Powder Descaler and Rinse

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Manitowoc Powder Descaler and Rinse is formulated specifically for modular cuber ice machines with electroless nickel evaporators. With thousands of hours of testing, Manitowoc has perfected the optimal powder formulas to effectively descale and rinse your ice machine with-out harming the evaporator or other internal components of the ice machine. Manitowoc powder descaler and rinse ensure hygiene and protection to the internal components of the machine. Protect your investment and only use Manitowoc descaler and rinse for your Manitowoc modular cuber ice machines.

(Powder Descaler and Rinse is not intended to be used with Flaker, Nugget and SM50)

### Advantages of Powder Descaler and Rinse

- Easier to ship, store, and transport
- Does not require hazard material marking for shipping
- No partial package use, less waste, more accurate dosage
- Sustainable (no plastic bottle waste, takes up less space)



**Available Starter Kits:**  
Includes mixing vessel, 8 packets and mixing instructions.



Powder Descaler Usage Chart for Modular Cuber Ice Machines				
Models	250-462, 520, 620, 696, 820, 894	500, 600, 606, 662, 686, 700, 750, 850, 900-1200	1300-2100	3000-300
Descaler Packets for Machine Use	1	2	3	4
Mix 1 gal (4 L) of luke warm water with 4 packets of Descaler for soaking and spraying parts				

Order # 000016287: Case of 6 Powder Descaler Starter Kits  
Order # 000016265: Case of 48 Powder Descaler Packets



Powder Rinse Usage Chart for Modular Cuber Ice Machines				
Models	250-462, 520, 620, 696, 820, 894	500, 600, 606, 662, 686, 700, 750, 850, 900-1200	1300-2100	3000-300
Rinse Packets for Machine Use	1	2	3	5
Mix 3 gal (11.4 L) of luke warm water with 3 packets of Rinse for soaking and spraying parts.				

Order # 000016291: Case of 6 Powder Rinse Starter Kits  
Order # 000016278: Case of 48 Powder Rinse Packets

\*The frequency of descaling and sanitizing-rinsing your ice machine will depend on your environment. If there is high mineral content in your water, you may need to descale more than twice a year. If frequent descaling is required, we recommend the optional IAUCS ( Automatic Cleaning system) for de-scaling at programmed intervals up to once a month. (USE LIQUID FOR IAUCS) If you have yeast, sugar, flour, or other contaminants in the air, sanitizing-rinsing may be required more frequently. The LuminIce Growth inhibitor guards the food zone from viruses and bacteria 24/7/365. In addition to descaling and sanitizing-rinse, always use an Arctic Pure Plus water filtration system for the incoming water supply to your ice machine.



# Liquid Descaler and Sanitizer

Manitowoc liquid Descalers and Sanitizer are uniquely formulated and extensively tested to keep your ice machine running at peak performance without harming the evaporator or other internal components of the ice machine. Manitowoc Descalers, and Sanitizer ensure hygiene and protection to the internal components of the machine. Protect your investment and only use Manitowoc descalers and sanitizer for your Manitowoc ice machines.

## Reasons To Descale And Sanitize Your Ice Machine At Least Twice A Year

- Optimize daily performance of the machine
- Extend the life of the ice machine
- Keep customers safe, by keeping the food zone sanitized
- Reduce ice machine cost and maintenance frequency



# 000005162

Sold in cases of 12

Liquid Descaler Usage- For Cuber Machines		
Models	Descaler	Soaking/Spraying
UnderCounters 030-080, 132-140	1.5oz (45 ml)	Mix 1 gal (4 L) of luke warm water with 16oz (500 ml) of Descaler
UnderCounters 190-310	5oz (150 ml)	
22" Modulares- 320-620, Small 30" Modulares 250 & 300	3oz (90 ml)	
30" Modulares from 450-1200	5oz (150 ml)	
Duals & 48" Modulares 1300-2170	9oz (265 ml)	
3000-3300	16oz (475 ml)	



# 000000084

Sold in cases of 12

Liquid Metal Safe De-Scaler For Flaker, Nugget, SM50		
Models	Metal Safe	Water
SM50	1.5oz (45 ml)	1.5oz (45 ml)
Counter Top Nugget	2oz (60 ml)	32oz (1000 ml)
UnderCounter 200-388, 644	9oz (265 ml)	5oz ( 150 ml)
Modulares- 300-650	11oz (325 ml)	6oz (177 ml)
Modulares- 1008-1300	23oz (680 ml)	11oz ( 325 ml)
Modulares- 2000-2500	46oz (1300 ml)	22oz (650 ml)
Mix 3 gal (12 L) of luke warm water with 2oz (60 ml) of Sanitizer		



# 000005164

Sold in cases of 12

Liquid Sanitizer Usage for All Ice Machines		
Models	Sanitizer	Soaking/Spraying
UnderCounters 030-080, 132-140	1.5oz (45 ml)	Mix 3gal (12 L) of luke warm water with 2oz (60 ml) of Sanitizer
UnderCounters 190-310	2oz (60 ml)	
22" Modulares- 320-620 Small 30" Modulares 250&300	3oz (90 ml)	
30" Modulares 450-1200	5oz (150 ml)	
48" Modulares 1350-1900	9oz (265 ml)	
Dual Evaporator Modulares 1400-2170	12oz (355 ml)	
3000-3300	25oz (740 ml)	

For heavily scaled or contaminated machines, please consult your Installation- Operation manual for detailed cleaning instructions. Material Safety Data Sheets are available in document finder of the Manitowoc Ice website:  
[www.manitowocice.com/Downloads#Document-Finder](http://www.manitowocice.com/Downloads#Document-Finder)

Liquid Descaler and Sanitizer