

# Powder Descaler and Rinse

## Powder Descaler and Rinse

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 1gal (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)