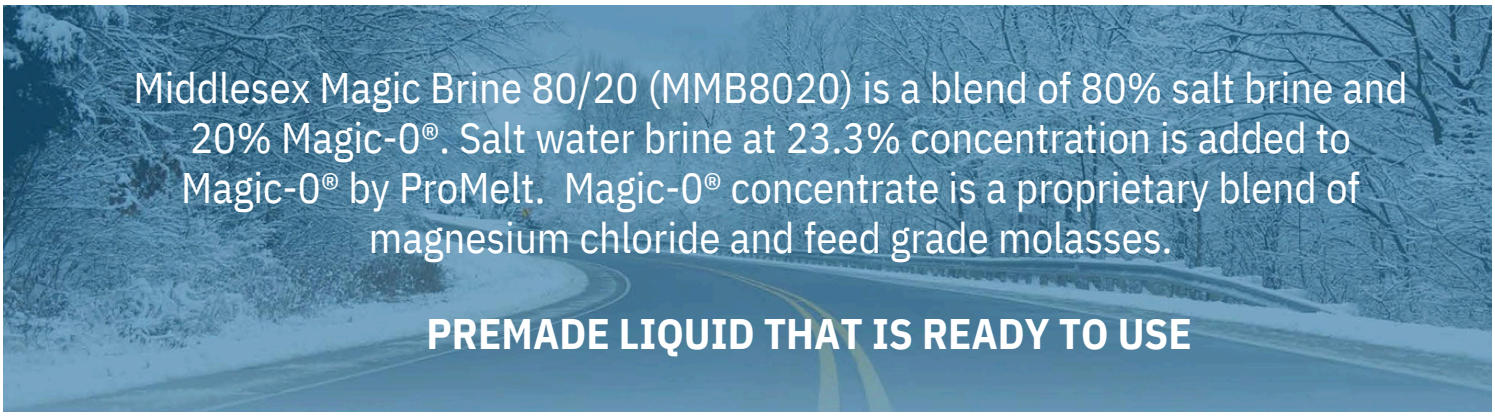
MIDDLESEX MAGIC BRINE 80/20



Features and Benefits:

MMB8020 is a premium liquid de-icer that delivers economical and superior performance.

Purchasing MMB8020 secures insurance for your winter maintenance program giving you peace of mind.

Why wouldn't you choose a ready-made product that offers insurance?

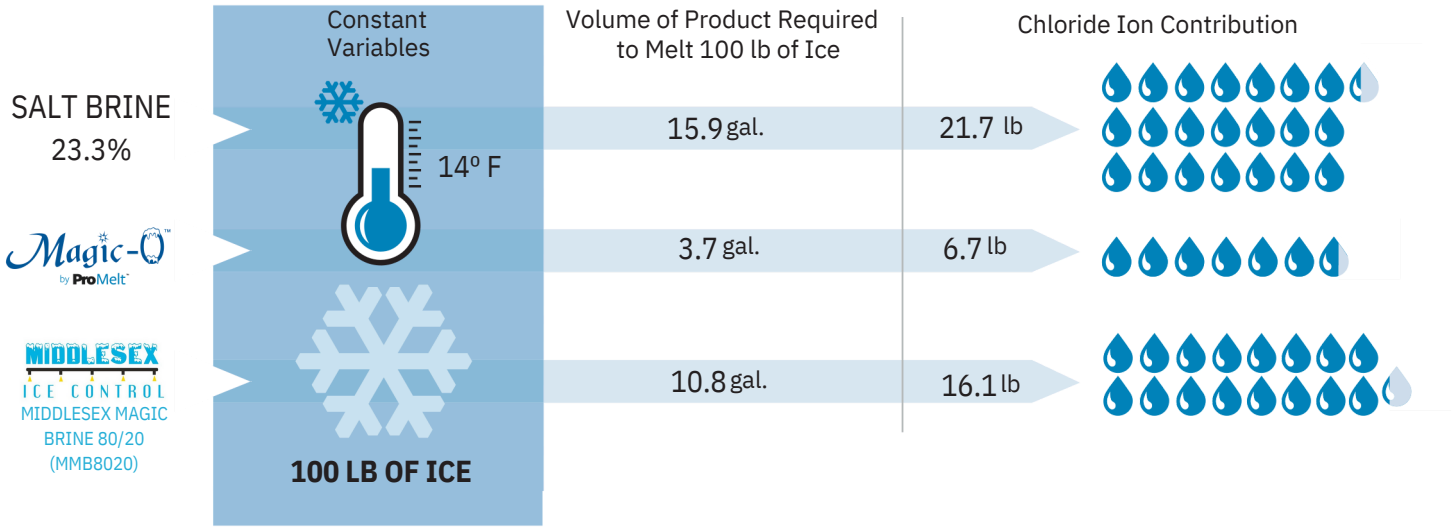
- **Easy handling:** MMB8020 prevents jelling and fallout avoiding common operation setbacks associated with salt brine for a smoother application process.
- **Extend melting effectiveness:** Adding a carbohydrate slows down the dilution of solution and refreeze, resulting in longer-lasting melting effect and reliable performance.
- **Lower working temperature:** With a freeze point of -10.7F; MMB8020 works effectively at lower temperatures than salt brine.
- **Protect your assets:** Safeguards equipment and infrastructure against corrosion damage. Our MMB8020 blend is half as corrosive as salt brine or salt. Reducing corrosion saves you and your client money on maintenance and repair costs.
- **Maximize Efficiency:** Using MMB8020 can reduce salt usage by 75% over rock salt. point you will use less salt.
- **Reduce environmental impact**: MMB8020 is more effective, decreasing the risk of refreeze and need for over application. Your maintenance program benefits from lower chloride contributions into the environment.

SAFEGUARD YOUR WINTER MAINTENANCE PROGRAM WITH MIDDLESEX MAGIC BRINE 80/20

SPREAD SOME MAGIC™

CHLORIDE ION COMPARISON CHART

Chloride ion contributed when melting 100 lb of ice, at 14° F



Regular Salt Brine		Middlesex Magic Brine 80/20
Eutectic of -6°F at a 23.3% concentration, but is weak and dries quickly raising the working temperature to that of regular salt at 18°F.	VS	MMB8020 at a 20% additive has a freeze point of -10.7°F and remains strong as it resists drying.
When salt brine dries, it easily blows off the road where it is in-effective for deicing and negatively impacts the environment.	VS	MMB8020 resists drying and keeps the brine where it was applied reducing or eliminating loss to blow off.
Salt brine has a high corrosion rating (100 on the PNS scale).	VS	MMB8020 has a corrosion rating of 50% of salt bring using the PNS test method.
With salt brine, the cost of product is generally understated and the need for increased applications drives the actual brine cost per storm upward.	VS	MMB8020 has the additional cost of the enhancer, however the brine will have much better melting capability and longevity, keeping application rates down and saving money.
Salt brine dilutes quickly and has little to no residual melting ability.	VS	MMB8020 has a higher total de-icing solid content combined with the benefits of carbohydrates that allow the enhanced brine to work longer and resist refreeze for a longer period of time.

MIDDLESEX ICE CONTROL

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