



# **X** DOWFLAKE™ **XTRA** 83-87% PURE CALCIUM CHLORIDE

More Power for Deicing Paved Surfaces



# “Xtra” Concentration for “Xtra” Ice-Melting Speed

Paved surfaces covered with snow and ice pose serious safety hazards. You can improve safety for drivers and pedestrians by treating roads, parking lots, driveways and walkways with DOWFLAKE™ Xtra 83-87% Calcium Chloride. With 10% more calcium chloride than other conventional 77% assay flake products, DOWFLAKE™ Xtra is concentrated, so it works faster and you can apply less.

Use DOWFLAKE™ Xtra by itself or mix it with rock salt and abrasives to give them extra power. Calcium chloride's high-performance properties make it superior to rock salt and other ice-melt materials.

## Concentrates on Snow and Ice

The more snow and ice you have to melt, the more you will appreciate the extra speed and performance advantages that the high concentration of DOWFLAKE™ Xtra offers.

DOWFLAKE™ Xtra:

- Works better across a wider range of temperatures when compared to other ice-melt materials
- Works in a variety of settings, from roads to sidewalks
- Melts ice at temperatures as low as -25°F (-32°C)

## Works Well With Others

DOWFLAKE™ Xtra provides additional benefits when it is mixed with other materials by helping:

- Make rock salt work faster and at lower temperatures
- Keep sand and cinders manageable and free flowing at cold temperatures
- Imbed sand and cinders in ice to prevent them from being bounced off the surface by traffic
- Reduce salt use by as much as 60% when blended 1:4 with rock salt

Whether used by itself, or with rock salt and abrasives, DOWFLAKE™ Xtra not only melts quicker, it also penetrates and loosens snow and ice for easy removal.

## More Power to You

Put the power of high-performance DOWFLAKE™ Xtra to work for you and watch snow and ice disappear. In the first 20 minutes at 20°F (-7°C), DOWFLAKE™ Xtra melts approximately:

- 30% more than magnesium chloride flake
- 35% more than rock salt
- 130% more than urea
- 400% more than potassium chloride



## Best for Melting Ice

Compared with other ice-melt materials, DOWFLAKE™ Xtra has these extra benefits:

- Releases heat to jump-start the ice-melting process – in contrast to rock salt, which must absorb heat from its surroundings and is considered effective to only 20°F (-7°C)
- Melts ice faster and at lower temperatures than urea and potassium chloride
- Melts ice faster than magnesium chloride hexahydrate, which means that more magnesium chloride – at added cost – is needed to match the performance of DOWFLAKE™ Xtra

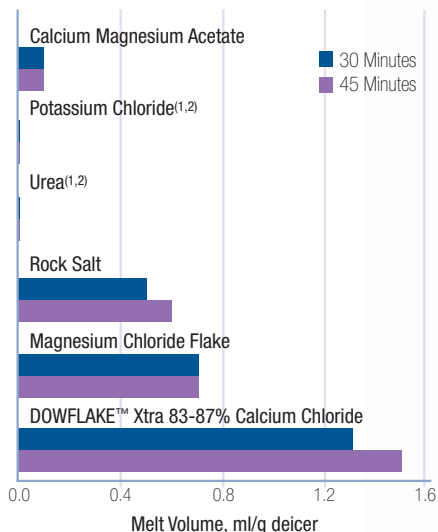
DOWFLAKE™ Xtra meets or exceeds ASTM D98 and AASHTO M144 requirements for calcium chloride purity. It is available in various package sizes, and in bulk truck and bulk railcar quantities.



## The “Xtras”

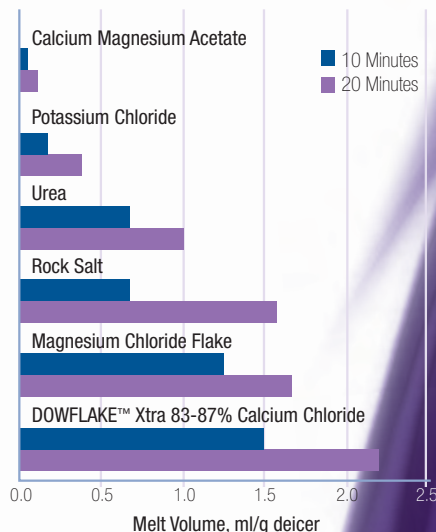
When you purchase DOWFLAKE™ Xtra, you also get the extras that our customers rely on: reliable supply, consistent quality, quick response, and leading technical service and support. Contact a DOWFLAKE™ Xtra distributor today, and discover more about what this extra-fast snow and ice melter can do for you.

### Melt Volume Capability at 5°F (-15°C)



(1) No melt capacity at 30 minutes  
(2) No melt capacity at 45 minutes

### Melt Volume Capability at 20°F (-7°C)



## 10% More Melting Power

With its higher concentration of calcium chloride, DOWFLAKE™ Xtra melts more snow and ice per pound than conventional flake calcium chloride.

- Conventional 77-80% calcium chloride flake melts 7.7 pounds of ice per pound used.\*
- DOWFLAKE™ Xtra melts 8.5 pounds of ice per pound used.\*

Melt 10% more ice with the same amount of DOWFLAKE™ Xtra, and get your winter maintenance work done quicker and more efficiently.

\*Calculated results based on phase curve data at 20°F (-7°C).

Your Distributor:  
Chemical Distributors, Incorporated  
80 Metcalfe Street  
Buffalo, NY 14206  
716.856.2300  
sales@cdibuffalo.com  
www.cdibuffalo.com

Important: The information presented herein, while not guaranteed, was prepared by technical personnel and is true and accurate to the best of our knowledge. **NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, OR WARRANTY OR GUARANTY OF ANY OTHER KIND, EXPRESS OR IMPLIED, IS MADE REGARDING PERFORMANCE, SAFETY, SUITABILITY, STABILITY OR OTHERWISE.** This information is not intended to be all-inclusive as to the manner and conditions of use, handling, storage, disposal and other factors that may involve other or additional legal, environmental, safety or performance considerations, and OxyChem assumes no liability whatsoever for the use of or reliance upon this information. While our technical personnel will be happy to respond to questions, safe handling and use of the product remains the responsibility of the customer. No suggestions for use are intended as, and nothing herein shall be construed as, a recommendation to infringe any existing patents or to violate any Federal, State, local or foreign laws.



**Occidental Chemical Corporation**

A subsidiary of Occidental Petroleum Corporation