



# RENSSELAER COUNTY BUREAU OF CENTRAL SERVICES

STEVEN F. McLAUGHLIN  
COUNTY EXECUTIVE

JAMES R. GORDON  
DIRECTOR

May 17, 2019

Joseph T. Farone, Sr. Vice President  
Gorman Brothers, Inc.  
200 Church Street  
Albany, New York 12202

RE: RFB-19-16 Cold Mix Bituminous Paving, Equipment Rental and Calcium Chloride –  
Highway Department - **NOTICE OF AWARD & NOTICE TO PROCEED**

Dear Mr. Farone:

I am pleased to inform you that your firm has been awarded the contract for the above-referenced bid based on your low bid amounts submitted and your ability to meet Rensselaer County specifications.

The award period shall be from May 1, 2019 through December 31, 2019. The contract may be extended, upon mutual consent of both the County and your firm, for an additional one year period.

Rensselaer County is in receipt of the necessary Liability, Workers Compensation and Disability Benefits Coverage Certificates as required in the above-referenced bid. Consequently, you are being notified to proceed with work. Final arrangements to conduct work shall be made through the County Engineer at the Rensselaer County Highway Department. The County Engineer may be reached at (518) 283-0973.

You may obtain a copy of the Prevailing Wage Schedule for Article 8 Public Work Project PRC#2019002469 by following the steps outlined in the bid document as follows: rates may be accessed through the NYS DOL website at [www.labor.ny.gov](http://www.labor.ny.gov). Select each of the following: "Government & Research", "Public Work: "Overview", "Prevailing Wage Schedule & Updates", "Access Previously Requested Schedule", "Wage Rate Schedule online", enter the PRC# and select "Submit", to view the project description. Next select "Wage Schedule" to view the detailed wage schedule for this project. Or, you may contact the Rensselaer County Highway Department to obtain a paper copy of the Prevailing Wage. **Awarded Bidders are reminded to periodically check the prevailing wage rates throughout the entire length of their contract.**

On behalf of the Rensselaer County Highway Department thank you for submitting your bid.

Sincerely,

Christine M. Mariano  
Deputy Director

cc: James R. Gordon, Director, Bureau of Central Services  
Lori A. Ruffinen, County Auditor  
Joseph Teliska, County Engineer, Highway Department  
Resolution: G/206/19











ALBANY, NEW YORK 12202  
500 CHURCH STREET  
GORMAN BROS., INC.

TO: [Illegible]

FROM: [Illegible]

SUBJECT: [Illegible]

DATE: [Illegible]

RE: [Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

## Product Information

# LIQUIDOW™ Calcium Chloride

The High-Value Solution for Better Roads



## Application

LIQUIDOW™ Calcium Chloride is a highly versatile solution used primarily in deicing, dust control and concrete acceleration applications. Other applications include tire weighting, brine refrigeration, wastewater treatment and chemical processing. LIQUIDOW™ is available in a range of concentrations to effectively meet specific application requirements.

When used as a prewetting agent for granular deicers, 32% concentration LIQUIDOW™ reduces overall application rate, which is good for the environment. It also increases melting speed and improves cold weather performance, which helps make roads safe faster.

LIQUIDOW™ – typically in a concentration of 35% or 38% – controls dust on gravel roads by attracting moisture from the air to keep the surface damp, even in hot, dry conditions. This moisture film binds fines and gravel together, resulting in a hard, low-dust surface. Not only does this help improve safety for road users and decrease local residents' exposure to dust particles, it reduces maintenance costs associated with gravel replacement and blading requirements.

Calcium chloride has been used in concrete acceleration applications for more than 100 years. LIQUIDOW™ can reduce set time by as much as two-thirds, even in cold weather. It also improves workability and reduces bleeding, allowing earlier final finishing. Concrete acceleration with LIQUIDOW™ facilitates a quick and economical completion of jobs.

## Description

LIQUIDOW™ is a purified inorganic salt solution produced by removing water from a naturally occurring brine solution. Unlike other processes used to produce calcium chloride, the brine process does not involve reactions with toxic chemicals such as hydrochloric acid or ammonia. The National Organic Standards Board noted this distinction when it classified the brine process as "non-synthetic."

LIQUIDOW™ meets or exceeds ASTM D98 and AASHTO M144 requirements for calcium chloride purity. ASTM classification for LIQUIDOW™ is Type L.

## Typical Properties of Common Concentrations

Calcium chloride (%)	28.0	32.0	35.0	38.0	42.0
Potassium chloride (%)	0.75	0.86	0.94	1.02	1.12
Sodium chloride (%)	0.51	0.58	0.63	0.69	0.76
Density (lb/gal)	10.60	10.99	11.28	11.57	11.96
Freeze point (°F)	-46	-17	20	48	69

Properties shown are typical properties, not specifications.





## Storage

LIQUIDOW™ is hygroscopic. However, if stored in a closed tank with limited exposure to humid air, it should remain uniform in concentration without requiring additional mixing. If ambient temperature is lower than the product freeze point, handling equipment must either keep the product warm or be drained completely empty when not in service to avoid plugging problems due to crystallization.

*For full safety and handling details, refer to the current Material Safety Data Sheet for this product, available at [www.oxycalciumchloride.com](http://www.oxycalciumchloride.com).*

## Availability

LIQUIDOW™ is shipped via bulk tank truck, railcar and barge.

For more information or to find an authorized distributor of OxyChem's calcium chloride products, please call or visit our website.

(888) 293-2336

[www.oxycalciumchloride.com](http://www.oxycalciumchloride.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