

## IN THIS ISSUE ...

- ☞ Introduction
- ☞ ClearLane™ Deicer
- ☞ Liquid Salt Brine
- ☞ For More Information
- ☞ Glastonbury's Green Initiatives Program

# DEICE AGE



*The Town of Glastonbury*



## CONTACT US

Town of Glastonbury  
2155 Main St  
PO Box 6523  
Glastonbury CT  
06033-6523

**Richard J. Johnson**  
Town Manager  
860.652.7500  
[richard.johnson@glastonbury-ct.gov](mailto:richard.johnson@glastonbury-ct.gov)

**Mary Visone**  
Purchasing Agent  
Green Committee Co-Chair  
860.652.7588  
[mary.visone@glastonbury-ct.gov](mailto:mary.visone@glastonbury-ct.gov)

**Mike Bisi**  
Sanitation Superintendent  
Green Committee Co-Chair  
860.652.7772  
[mike.bisi@glastonbury-ct.gov](mailto:mike.bisi@glastonbury-ct.gov)

**Charles Mahan**  
Physical Services Operations  
Manager  
860.652.7754  
[charles.mahan@glastonbury-ct.gov](mailto:charles.mahan@glastonbury-ct.gov)

Please consider the environment before printing a copy of this bulletin. The information will remain available on our web site.

## INTRODUCTION

*I*n an effort to protect our environment and reduce costs, the Town of Glastonbury has implemented the use of treated road salt and salt brine for snow and ice control. These products reduce the sand buildup on streets and in our waterways.

The focus of this bulletin will be on the following two products:

- ☞ ClearLane™ enhanced deicing salt
- ☞ Liquid salt brine

## CLEARLANE™ DEICER

Have you ever wondered where all the road sand went and why you sometimes can see green crystals on the Town roadways during the winter months? The answer to those questions is below:

An enhanced deicing salt, ClearLane™, is used to control snow and ice during winter storms in lieu of a sand/salt mixture. The Town first started using this product during the winter of 2005-2006. In most cases, the product – which is actually green in color – is applied to the roads before the start of a snowfall. The procedure reduces the amount of hard packed snow that accumulates on the roadways. Although each storm presents different conditions, in most cases, utilizing this procedure enables the plows to clear the roads down to the bare pavement. This reduces the need to re-treat the roads which also conserves manpower, fuel and the total cost of snow removal. With the elimination of the previous procedure (sand/salt mixture), the spring cleanup of road sweeping and catch-basin cleaning is also reduced.

## LIQUID SALT BRINE

This liquid brine mixture is applied to the roads during regular work hours and before the start of a winter storm as conditions warrant. The product performs best when applied to roads that are free of snow and ice and a new storm is forecast. As the snow hits the residual brine mixture on the roads, it melts rather than accumulates, if atmospheric conditions are conducive.

Glastonbury is one of only a few towns in Connecticut utilizing this



Brine equipment installed on plow truck



product. Glastonbury purchased this brine production equipment late in the 2008-2009 winter season. Therefore, future storm applications are necessary to recognize the full potential of the product. This product is produced by the Town at a cost of less than \$.08 per gallon, providing a cost-effective and environmentally-friendly means of snow and ice control. Similar to the ClearLane™ product above, this brine mixture will enhance the environment through the reduction of sand and salt.



## FOR MORE INFORMATION

For additional information on related topics, please see the following Glastonbury Goes Green Bulletins:

- ☞ [Green Fleets](#)
- ☞ [GPS Vehicle Tracking and Monitoring](#)

For more information about ClearLane™ deicer, please visit the Cargill web site at:

[http://www.cargilldeicing.com/solids/clearlane/dc\\_dt\\_greenville\\_ny.pdf](http://www.cargilldeicing.com/solids/clearlane/dc_dt_greenville_ny.pdf)

## GLASTONBURY'S GREEN INITIATIVES PROGRAM

Glastonbury's Green Initiatives program operates under the direction of the Town Manager. The committee is chaired by the Purchasing Agent and the Superintendent of Sanitation. Committee members from across Town departments participate and contribute ideas and suggestions committed to a "greener" community.

The committee assembles information about products and services and makes the information available to specific departments that can evaluate them and develop applications in Town projects with the approval of the Town Manager.

These "Go-Green" bulletins contain information about the results of product evaluations and other accomplishments of Town departments. We hope this information can provide you insight to the Town's green initiatives and also lead others in the community to find ways to use environmentally preferable products. Please contact us if we can help you with further information or if you have additional suggestions. ■

Top photo: brine-making machine and storage vessel

Bottom: equipment controls for brine production

