



# Sustainable Technology Evaluation and Demonstration (STED) Program

## Safer Choice Granular Sidewalk Deicer Demonstration



### Technology Description

U.S. Environmental Protection Agency (EPA) Safer Choice certified granular deicers utilize safer chemistries to reduce the amount of sodium and chloride released to the environment.

### Potential Impact

- More efficient product use; potential cost savings.
- Reduce equipment maintenance/repair due to corrosion.
- Reduce negative impact to vegetation, soil, and water quality.

### Benefits (compared to rock salt)

- Reduces sodium and chloride use by at least 30%.
- Reduces corrosion to steel by at least 70%.
- Higher melting efficiency; perform at lower temperatures.
- Do not contain cyanide compounds as anti-caking additives.

### Demonstration Sites

- Wright-Patterson AFB
- Hill AFB
- MCMWTC
- JBLM

### For additional information please contact:

- [osd.mc-alex.ousd-a-s.mesg.dod-sted-program-mbx@mail.mil](mailto:osd.mc-alex.ousd-a-s.mesg.dod-sted-program-mbx@mail.mil)
- Department of Defense (DoD) Sustainable Products Center (SPC):  
<https://www.denix.osd.mil/spc/index.html>



Wright Patterson AFB



Hill AFB