

Pentra® -Melt

Premium Snow and Ice Melt
~ Anti-Icer / De-Icer

Convergent Group S.A.

Specialty Chemical Concrete
Treatments Commercial

Products Group
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ENGINEERED WITH
THERMATROL™

Extended Performance Formula with
Freeze-point Altering Chemistry



PRODUCT DESCRIPTION

Pentra®-Melt is an industrial-strength ice melt formula with a very low freeze point -62°C. Many ice melts work well down to freezing, but below that their effectiveness diminishes and ice can quickly re-form. **Pentra®-Melt** penetrates ice on contact, making it separate from the substrate and allowing for easier removal. This low freezing point also means a single application can last from 48-72 hours as the formulation resists dilution and refreezing. **Pentra®-Melt** is easy to handle, requires no agitation and is safe for concrete and the environment.

KEY BENEFITS

- Rapidly cuts through hard packed ice, breaking the bond at the surface
- Resists re-freezing and early dilution, preventing further ice formation and snow accumulation
- Fast acting, long-lasting formula results in fewer applications
- Non-toxic and non-hazardous to plant and animal life
- Easy to apply--no special spray equipment needed
- No mess--will not track or leave residue like common deicers

USES

DRIVEWAYS, RAMPS, STEPS, PARKING LOTS, LOADING DOCKS, AND DECKS

Use as an anti-icer to prevent accumulation of snow and ice before the storm, or as a deicer after the storm to facilitate ice and snow removal. Tracked in deicing salt residue and sand can destroy and stain interior flooring surfaces- **Pentra®-Melt** won't stain or attack interior finishes or tile and carpet mastics and can help prevent winter maintenance problems.

CUSTOMER SERVICE:

(+32 60 390 752) to verify the most current versions, visit our website: www.convergent-group.com or scan the code.

**APPLICATION**

BEFORE APPLICATION, ALWAYS DO A SMALL TEST SAMPLE IN A LESS-VISIBLE AREA TO BE SURE THERE ARE NO VARIABLES OR CONTAMINANTS IN THE SUBSTRATE THAT MAY BE INCOMPATIBLE WITH THIS PRODUCT.

Suggested application rates are below -18°C. Conditions with ice or snow over 1.27 cm may require a heavier rate of application. Removal of snow and ice slush is required to keep the ice control from becoming diluted. Should snow or ice begin to accumulate reapply **Pentra®-Melt**.

ESTIMATED COVERAGE

De-icing or pre-storm treatment : 12-17 m² per liter.

CLEAN UP

Use soap and water to clean tools and equipment. Although **Pentra®-Melt** is non-toxic and environmentally safe, it is slightly acidic—use up or dry out extra material and dispose of according to local regulations. Don't pour into sewer systems or storm drains.

FREEZE THAW CYCLES AND SCALING OF CONCRETE SURFACES

Important Tip: Consider pre-treating concrete surfaces prior to winter season with **Pentra®-Shield** concrete surface hardening densifier with anti-scale and freeze-thaw protection. Repeated freeze thaw cycles can weaken concrete, causing surface damage. Pre-treatment with **Pentra®-Shield** will fortify the surface and help minimize erosion, cracking, pop-outs and scaling. Also, judicious use of deicers will minimize concrete damage. Prompt removal of slush from concrete surfaces will further minimize the chance for damage.

SAFETY / HEALTH INFORMATION

Pentra®-Melt is an aqueous lithium acetate solution that uses proprietary compounds. The treatment is slightly acidic and may cause eye and skin irritation. KEEP OUT OF THE REACH OF CHILDREN. Do not take internally. Avoid prolonged contact with skin. Avoid ingestion of material. If swallowed, do not induce vomiting—call physician. Avoid contact with eyes—wear eye protection. If splashed in eyes, wash immediately with clean water and call physician if irritation persists. Contact areas should be thoroughly washed with soap and water. Additional precautions, safety information and first aid treatments are contained in the Material Safety Data Sheet.

PROPERTIES

Composition:	Lithium Acetate Aqueous solution
Odor:	Very, slight vinegar-like odor
Density	1102 g/cm ³
Appearance:	Clear to slightly tan clear solution
PH at 25°C:	10.8–11.4
Flash Point:	Nonflammable
Freezing Point:	-62.22°C
Viscosity:	At 20°C = 10cp maximum At 0°C = 20 cp maximum

PACKAGING/SHIPPING CONTAINERS

20 L Basket
 200 L Drum
 600 L Tote
 1000 L Tote

TECHNICAL SERVICE

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WARRANTY

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CONCRETE TECHNOLOGIES

Refer to www.convergent-group.com for latest Technical Data Sheet and MSDS.

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