

GENERAL USE



De-Icer 818 is a unique chemical coating specifically designed to eliminate the problem of ice formation on outdoor electrical equipment during severe winter weather. Applied prior to icing conditions, **De-Icer 818** leaves a uniform, nonconductive film coating that acts as a barrier to prevent ice from forming a firm bond with metal surfaces, thereby allowing easy removal. This specialized coating offers additional benefits in providing lubricity for working parts.

De-Icer 818 is recommended for use on overhead cranes, conveyor belts, construction equipment, machinery, railroad switches, third rails, pantographs and other mechanical devices. **De-Icer 818** does not interfere with the transfer of power from source equipment, since it does not conduct electrical current.

FEATURES AND BENEFITS

- Easy and ready to use
- Provides mild lubrication to moving parts
- Eliminates icing problems on electrical equipment
- Proven effective on switches, third rails and pantographs
- No operational slowdowns
- Economical
- Reduce manhour requirements
- Nonconductive
- Long lasting ice barrier

DIRECTIONS FOR USE

Use procedure

De-Icer 818 used as supplied, should be applied in expectation of general sub-freezing precipitation or icing conditions. Although coverage will be dependent on method of application and prevailing weather conditions, 1 gallon of **De-Icer 818** should cover approximately 400 square feet of surface.

Concentration

Undiluted.

Application method

It can either be brushed on manually or applied through a pressure sprayer. The coating will last up to three months depending upon the temperature, abrasion to the surface and coating film thickness.

DE-ICER 818

CHEMICAL ICE BARRIER

PHYSICAL PROPERTIES

Appearance	Clear blue liquid
Odor	Oily
pH	Not applicable
Freezing Point	Less than -40°F
Boiling Point	About 350°F
Flash Point (TCC)	230°F
Relative Density	0.88
Auto-Ignition Temperature	> 550°F
Water Solubility	Insoluble
Viscosity	5-10 cSt at room temperature

INCOMPATIBILITY

Strong oxidizing agents.

WAREHOUSING PRECAUTIONS

Store in a well-ventilated place. Keep container tightly closed. Open slowly in order to control possible pressure release. Keep cool. Store locked up. Do not store near heat, sparks, open flame, or other ignition sources. Do not store near strong oxidizing agents. Do not store in direct sunlight. Avoid storing above 120°F (49°C).

AVAILABLE SIZES

5 gallon Pail

55 gallon Drum

FIRST AID MEASURES

If in eyes: Rinse cautiously with water for several minutes. If contact lenses present, remove them if easy to do. Continue rinsing for several minutes. If eye irritation persists: Get medical advice or attention. Penetone recommends that after any eye exposure and initial treatment a physician be seen immediately.

If swallowed: Immediately call a poison center, doctor, physician or other competent medical authority. Product presents an aspiration hazard. DO NOT INDUCE VOMITING.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center, doctor, physician or other competent medical authority if you feel unwell.

If on skin: Wash with plenty of water or a mild soap. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice or attention.

PERSONAL PROTECTION Security equipment



WHMIS



IMPORTANT: Before using **DE-ICER 818**, always be sure to read and follow precautions and directions for use appearing on the product container label and on the safety data sheet (S.D.S).



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