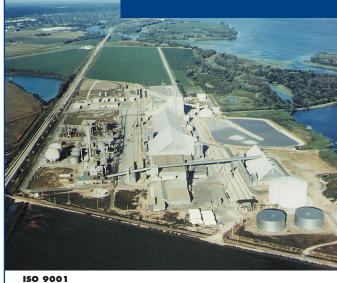




Cryotech Deicing Technology is a division of General Atomics International Services Corporation, a San Diego-based company that specializes in energy-related research and product development. In 1992, General Atomics purchased the deicing business of Chevron Chemical Company. Included in the acquisition was the production facility at Fort Madison, Iowa, plus all patents, processes, and rights developed by Chevron. The business was renamed Cryotech Deicing Technology, the root word "cryo" meaning cold.

A world leader in acetate technology, Cryotech manufactures and markets environmentally compatible acetate-based



CRYOTECH - FORT MADISON, IOWA ISO 9001:2000 CERTIFIED COMPANY

highway, commercial, and airport runway deicers. Acetates are considered safe for the environment because they readily biodegrade and exhibit low toxicity to vegetation and aquatic life. Acetates have low corrosion rates, and are ideal for application on reinforced concrete structures such as bridges and parking garages. Acetates also have a residual effect, working longer than common deicers.

In 1998, Cryotech's Ft. Madison, Iowa plant received ISO 9002 Certification for its quality process systems. ISO is an internationally recognized quality model. It provides assurance to customers that the products they receive are produced and shipped under rigorous international quality standards. Cryotech was the first manufacturer in North America in its industry to receive this recognition, reaffirming its position as industry leader in acetate-based deicers. In 2002, Cryotech received certification to the updated standard ISO 9001:2000, continuing in its dedication to quality processes.

1999 Cryotech formed an agreement with Kilfrost Ltd. in Europe to manufacture and distribute Kilfrost Type I and Type IV Aircraft Deicers throughout North America. The fluids are propylene glycol-based, offering superior environmental and holdover performance.



GENERAL ATOMICS - SAN DIEGO, CALIFORNIA

FOR ORDER INFORMATION CONTACT: CRYOTECH DEICING TECHNOLOGY 6103 ORTHOWAY

FORT MADISON, IOWA 52627

PHONE: 319/372-6012 OR 800/346-7237

FAX: 319/372-2662

E-MAIL: DEICERS@CRYOTECH.COM WEB: HTTP://WWW.CRYOTECH.COM

SEE REVERSE SIDE FOR PRODUCT Information

# **PRODUCTS**

## CRYOTECH NAACTM

- \* NAAC is 97% solid anhydrous sodium acetate
- For commercial and airport use certified to current FAA approved specifications
- \* Exothermic: gives off heat, melting ice faster than common deicers
- \* Requires less material than common deicers
- \* Safer for the environment: low BOD, low toxicity

#### **CRYOTECH CMA®**

- **\*** CMA is solid calcium magnesium acetate
- \* For commercial use as a solid
- \* May be dissolved and applied as anti-icing liquid
- The safest deicer for concrete, even concrete cured less than one year
- Breaks/inhibits bond between snow/ice and pavement, improving traction
- ♦ Works best above 20°F (-7°C)

## CRYOTECH CMA40®

- **SECTION 2018** CMA40 is 40% CMA and 60% sodium chloride
- \* For commercial use
- The blend retains many of the benefits of CMA, inhibiting the chloride
- \* Apply early in the storm to prevent snow/ice bonding
- ★ Works best above 20°F (-7°C)

#### CRYOTECH CMAKTM

- ★ CMAK is a blend of CMA and CF7
- \* For commercial use
- Combines the speed of potassium acetate with the safety of CMA
- Best from automated systems: a clear liquid, no agitation required
- Works best above 10°F (-12°C)

#### CRYOTECH CF7®

- CF7 is liquid potassium acetate
- \* For commercial use
- Liquid formulation works on contact
- \* Is not slippery and does not track like common deicers
- Low freezing point of -76°F (-60°C)

#### **CRYOTECH E36®**

- \* E36 is liquid potassium acetate
- For airport use certified to current FAA approved specifications
- Excellent anti-icing characteristics
- Less slippery than glycol-based products
- \* Active at low temperatures
- \* Safer for the environment: low BOD, low toxicity



# KILFROST ABC-S®

- \* Type IV propylene glycol fluid
- For aircraft use certified to current FAA approved specifications
- \* Long holdover performance in all snow conditions
- Superior sprayability lack of foam during application
- Long-term fluid stability

#### KILFROST DF PLUS (88)®

- \* Type I propylene glycol fluid
- For aircraft use certified to current FAA approved specifications
- Supplied as concentrate
- Dilute to required temperature for economical savings
- \* Fully certified triazole-free fluid









