

STATE OF ALASKA

THE LEGISLATURE

1983

Source

Legislative
Resolve No.

HCR 29

16



Encouraging the Department of Transportation and Public Facilities to use calcium-magnesium acetate as an ice and dust control agent.

BE IT RESOLVED BY THE LEGISLATURE OF THE STATE OF ALASKA:

WHEREAS the corrosive chloride salts presently used by the state for ice and dust control on roads have substantial adverse effects on automobiles, bridge structures, and animal and plant life; and

WHEREAS the corrosion damage from chloride salts on automobiles in the state alone may exceed \$20,000,000 annually; and

WHEREAS calcium-magnesium acetate is a noncorrosive, environmentally benign ice and dust control agent that could be used to replace the chlorides; and

WHEREAS national research into alternative deicing compounds has led to recognition of calcium-magnesium acetate as the most viable substitute for the chlorides; and

WHEREAS the state has demonstrated that calcium-magnesium acetate can be produced locally through the dissolution of naturally occurring Alaska limestone in acetic acid produced from Alaska low grade petroleum; and

WHEREAS it is possible that the state could become a major producer and exporter of the low grade calcium-magnesium acetate to a national or international market;

BE IT RESOLVED by the Alaska State Legislature that the Department of Transportation and Public Facilities is encouraged to use calcium-magnesium acetate as an ice and dust control agent in place of chloride salts; and

BE IT FURTHER RESOLVED that the state continue research on

calcium-magnesium acetate for feasibility as a product for export to a national or international market.