

Corrosion Inhibitor Admixtures

Qualified Product List Specification - Requirements

ODOT Construction and Materials Specification 515.15

Requirements for inclusion on the Qualified Product List

Submit to the Office of Materials Management the following information:

1. For 30 % Calcium Nitrite based corrosion inhibitors:
 - A. Provide certified data, from an independent lab, verifying the 30% calcium nitrite solution at the required application rate of 4 gal / yd³ of concrete. The data shall include:
 - Specific Gravity
 - PH
 - Total Solids
 - Percent Calcium Nitrite
 - B. MSDS and Technical data sheet including required dosage rate in gal / yd³ of concrete
2. For Non Calcium Nitrite based corrosion inhibitors:
 - A. Provide certified data, from an independent lab, verifying the product has equivalent performance properties to the 30% calcium nitrite solution at the required application rate of 4 gal / yd³ of concrete.
 - B. MSDS and Technical data sheet including required dosage rate per gal / yd³ of concrete.
3. Provide the Department a contact name, number and e-mail address
4. Provide re-certification documentation indicating that there have been no formulation changes by January 1st of each year.

Acceptance by the Department

The Office of Materials Management will review the manufacturer's submittal for compliance with specification requirements.

Accepted products will be listed on the Department's QPL (qualified product list) web page.

Field Documentation requirements

Products on the QPL will be accepted if they can be identified in the field by

manufacturer name and (an applicable) brand name.