For information regarding new product submittal, click the “New Submittal” bookmark to the left.

BASF Admixtures, Inc.
23700 Chagrin Blvd.
Cleveland, OH 44122-5554
Phone: 216-839-7500
Mr. Mark Piechuta
Producer/Supplier No. 4179-04
Material Code No. 43786

www.basf-admixtures.com

“MASTERLIFE CI 30” (1)(2)
Material Code No. 43850

“MASTERLIFE CI 222” (1)

Euclid Chemical Company
19218 Redwood Road
Cleveland, OH 44110-2799
Phone: 216-531-9222
Mr. Brian Lewis
Producer/Supplier No. 614-01
Material Code No. 43853

www.euclidchemical.com

“EUCON CIA”(2)

W. R. Grace & Co.
62 Whittemore Ave.
Cambridge, MA 02140-1692
Phone: 800-354-5414
Ms. Alla Cannon
Producer/Supplier No. 767-01
Material Code No. 43725

www.grace.com

“DAREX CORROSION INHIBITOR (DCI)”(1)(2)

RussTech Admixtures, Inc.
11208 Decimal Drive
Louisville, KY 40299
Phone: 502-267-7700
Ms. Kathi Showalter
Producer/Supplier No. 3988-01
Material Code No. 43798

www.russtechnet.com

“RUSSTECH RCI”(2)

Sika Corporation
201 Polito Avenue
Lyndhurst, NJ 07071 Phone:
330-495-0109
Mr. Nathaniel Artman
Producer/Supplier No. 2231-01
Material Code No. 43805

www.sikausa.com

“SIKA CNI”(2)

(1) Dosage rate shall be according to Article 1020.05 (b) (12).
(2) Calcium Nitrite Solution
Illinois Department of Transportation  
Bureau of Materials  

Corrosion Inhibitors-Calcium Nitrite  
Submittal for Approval  

Effective: July 27, 2007  
Revised: October 12, 2018

A. Scope  
The following guidelines are provided to clarify the submittal requirements for approving a corrosion inhibitor-calcium nitrite according to Section 1021 of the Standard Specifications for Road and Bridge Construction.

B. Procedure  
When submitting a corrosion inhibitor-calcium nitrite to the Department, the following shall be included in the certification:

- The specific product brand name,
- Certification of the manufacturing range for specific gravity according to ASTM C 494,
- Certification of the midpoint and manufacturing range for residue by oven drying according to ASTM C 494,
- Certification of the manufacturing range for pH according to ASTM E 70,
- An infrared spectrophotometer trace (IR) of current production material no more than five years old (the IR scan should be labeled with the date the scan was performed, the product name, and the manufacturer’s name),
- AASHTO accredited independent laboratory tests results, no more than five years old, in accordance to:
  - ASTM C 494, Type C, or
  - ASTM C 1582*  
    *(The corrosion-inhibiting performance requirements do not apply.)*
- Safety Data Sheet,
- Technical Data Sheet,
- The amount by weight of chloride bearing compounds, or other similar additives or chemical agents present in the admixture,
- A signed letter stating the subject material will not be changed without written notification to the Department,
- Contact person’s name, title, address, email address, and phone number,
- Acknowledgement by Company (see next page). If your company does not already have a product included on an IDOT QPL, please submit a signed copy of the company acknowledgement form with your product submittal.

The submittal information shall be sent to:

Melinda Winkelman  
Illinois Department of Transportation  
Bureau of Materials  
126 East Ash Street  
Springfield, Illinois 62704-4766

The manufacturer will be notified when the submittal review is complete. For questions regarding the approval process, contact Melinda Winkelman at 217-782-0117.

Prior to approval of an admixture, the Engineer reserves the right to request a sample for testing. If the Engineer decides to test the admixture, the manufacturer shall submit AASHTO T 197 water content and set time test results on the standard cement used by the Department. The test and reference concrete mixture shall contain a cement content of 5.65 cwt/cu yd (335 kg/cu m). The manufacturer may select their lab or an independent lab to perform this testing. The laboratory is not required to be accredited by AASHTO.

C. Recertification  
Annual recertification of all corrosion inhibitors is required. During the last quarter of the calendar year, a recertification letter will be sent to the manufacturer. During recertification, the manufacturer establishes the ranges for specific gravity, residue by oven drying, and pH for the upcoming production season. The recertification paperwork is due January of the following year. For example, the recertification letter is sent late November 2016 and due by January 2017. The recertification paperwork sets the ranges for the products to be made during the 2017 calendar year..
Illinois Department of Transportation  
Bureau of Materials

**Corrosion Inhibitors-Calcium Nitrite**  
**Submittal for Approval**

Effective: July 27, 2007  
Revised: October 12, 2018

**Instructions for Acknowledgement by Company:**
The owner, partner, or corporate officer shall complete the following and return a signed and dated copy with the product submittal or recertification.

____________________________ desires to obtain advance approval of materials to be supplied to Department of Transportation contractors as more fully described herein. I and ____________________________ understand that the Department of Transportation reserves the right in its contracts to approve materials at the source of supply as provided in Article 106.01 of the Standard Specifications for Road and Bridge Construction. I and ____________________________ further understand that approval of company supplied material pursuant to this request does not constitute a contract to supply material to the State of Illinois or any of its contractors, and that the Department of Transportation does not assure or guarantee that any materials approved hereunder will be supplied to the State or any of its contractors. In consideration of approval, I and ____________________________ agree to the terms, conditions and performance standards of the Standard Specifications for Road and Bridge Construction.

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Illinois Department of Transportation
Bureau of Materials

Corrosion Inhibitors-Other Materials
Submittal for Approval

Effective: July 27, 2007
Revised: October 12, 2018

A. Scope
The following guidelines are provided to clarify the submittal requirements for approving a corrosion inhibitor-
other materials according to Section 1021 of the Standard Specifications for Road and Bridge Construction.

B. Procedure
When submitting a corrosion inhibitor-other materials to the Department, the following shall be included in the certification:

- The specific product brand name,
- Certification of the manufacturing range for specific gravity according to ASTM C 494,
- Certification of the midpoint and manufacturing range for residue by oven drying according to ASTM C 494,
- Certification of the manufacturing range for pH according to ASTM E 70,
- An infrared spectrophotometer trace (IR) of current production material no more than five years old (the IR scan should be labeled with the date the scan was performed, the product name, and the manufacturer's name),
- AASHTO accredited independent laboratory tests results, no more than five years old, in accordance to:
  - ASTM C 1582*
  *Note: The ASTM G 109 test information specified in ASTM C 1582 is not required to be from an independent lab.
- Safety Data Sheet,
- Technical Data Sheet,
- The amount by weight of chloride bearing compounds, or other similar additives or chemical agents present in the admixture,
- A signed letter stating the subject material will not be changed without written notification to the Department,
- Contact person’s name, title, address, email address, and phone number, and
- Acknowledgement by Company (see next page). If your company does not already have a product included on an IDOT QPL, please submit a signed copy of the company acknowledgement form with your product submittal.

The submittal information shall be sent to:

Melinda Winkelman
Illinois Department of Transportation
Bureau of Materials
126 East Ash Street
Springfield, Illinois 62704-4766

The manufacturer will be notified when the submittal review is complete. For questions regarding the approval process, contact Melinda Winkelman at 217-782-0117.

Prior to approval of an admixture, the Engineer reserves the right to request a sample for testing. If the Engineer decides to test the admixture, the manufacturer shall submit AASHTO T 197 water content and set time test results on the standard cement used by the Department. The test and reference concrete mixture shall contain a cement content of 5.65 cwt/cu yd (335 kg/cu m). The manufacturer may select their lab or an independent lab to perform this testing. The laboratory is not required to be accredited by AASHTO. The manufacturer is advised that all corrosion inhibitors-other materials are still being tested by the Department at this time.

C. Recertification
Annual recertification of all corrosion inhibitors is required. During the last quarter of the calendar year, a recertification letter will be sent to the manufacturer. During recertification, the manufacturer establishes the ranges for specific gravity, residue by oven drying, and pH for the upcoming production season. The recertification paperwork is due January of the following year. For example, the recertification letter is sent late November 2018 and due by January 2019. The recertification paperwork sets the ranges for the products to be made during the 2019 calendar year.
Instructions for Acknowledgement by Company:
The owner, partner, or corporate officer shall complete the following and return a signed and dated copy with the product submittal or recertification.

____________________________ desires to obtain advance approval of materials to be supplied to Department of Transportation contractors as more fully described herein. I and ____________________________ understand that the Department of Transportation reserves the right in its contracts to approve materials at the source of supply as provided in Article 106.01 of the Standard Specifications for Road and Bridge Construction. I and ____________________________ further understand that approval of company supplied material pursuant to this request does not constitute a contract to supply material to the State of Illinois or any of its contractors, and that the Department of Transportation does not assure or guarantee that any materials approved hereunder will be supplied to the State or any of its contractors. In consideration of approval, I and ____________________________ agree to the terms, conditions and performance standards of the Standard Specifications for Road and Bridge Construction.

Type of Company:  □ Individual  □ Partnership  □ Corporation

Company Name ________________________________________________________________

Printed Name ________________________________________________________________

Signature _________________________________________________________________

Title ________________________________________________________________

Business Address _____________________________________________________________

City/State/Zip Code ____________________________________________________________

Date of Signature ________________________________________________________