1. Identification

Product name : Sika® CNI

Supplier : Sika Corporation
201 Polito Avenue
Lyndhurst, NJ 07071
USA
www.sikausa.com

Telephone : (201) 933-8800
Telefax : (201) 804-1076
E-mail address : ehs@sika-corp.com

Emergency telephone : CHEMTREC: 800-424-9300
INTERNATIONAL: 703-527-3887

Recommended use of the chemical and restrictions on use : For further information, refer to product data sheet.

2. Hazards identification

GHS Classification
Acute toxicity, Category 4 (Oral) H302: Harmful if swallowed.
Serious eye damage, Category 1 H318: Causes serious eye damage.

GHS label elements
Hazard pictograms : 
Signal Word : Danger
Hazard Statements : H302 Harmful if swallowed.
H318 Causes serious eye damage.
Precautionary Statements : Prevention:
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear eye protection/ face protection.
Response:
P301 + P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.
P330 Rinse mouth.

**Disposal:**
P501 Dispose of contents/ container to an approved waste disposal plant.

See Section 11 for more detailed information on health effects and symptoms.
There are no hazards not otherwise classified that have been identified during the classification process.
There are no ingredients with unknown acute toxicity used in a mixture at a concentration \( \geq 1\% \).

### 3. Composition/information on ingredients

**Hazardous ingredients**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>calcium nitrite</td>
<td>13780-06-8</td>
<td>( \geq 25 ) - (&lt; 50% )</td>
</tr>
<tr>
<td>calcium nitrate</td>
<td>10124-37-5</td>
<td>( \geq 3 ) - (&lt; 5% )</td>
</tr>
</tbody>
</table>

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### 4. First aid measures

- **If inhaled**: Move to fresh air.
  Consult a physician after significant exposure.

- **In case of skin contact**: Take off contaminated clothing and shoes immediately.
  Wash off with soap and plenty of water.
  If symptoms persist, call a physician.

- **In case of eye contact**: Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
  In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
  Continue rinsing eyes during transport to hospital.
  Remove contact lenses.
  Keep eye wide open while rinsing.

- **If swallowed**: Clean mouth with water and drink afterwards plenty of water.
  Do not induce vomiting without medical advice.
  Do not give milk or alcoholic beverages.
  Never give anything by mouth to an unconscious person.
  Obtain medical attention.

**Most important symptoms and effects, both acute and delayed**: Gastrointestinal discomfort
Excessive lachrymation
See Section 11 for more detailed information on health effects and symptoms.

No known significant effects or hazards.
Harmful if swallowed.
Causes serious eye damage.

Protection of first-aiders:
Move out of dangerous area.
Consult a physician.
Show this material safety data sheet to the doctor in attendance.

Notes to physician:
Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media:
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific extinguishing methods:
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for fire-fighters:
In the event of fire, wear self-contained breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:
Use personal protective equipment. Deny access to unprotected persons.

Environmental precautions:
Try to prevent the material from entering drains or water courses.
If the product contaminates rivers and lakes or drains inform respective authorities.
Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up:
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

7. Handling and storage

Advice on safe handling:
Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products.

Conditions for safe storage:
Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with local regulations.

Materials to avoid : No data available

8. Exposure controls/personal protection

Contains no substances with occupational exposure limit values.

**Engineering measures**

Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

**Personal protective equipment**

**Respiratory protection**

Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

**Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Eye protection**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

**Skin and body protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

**Hygiene measures**

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Remove contaminated clothing and protective equipment before entering eating areas. Wash thoroughly after handling.

9. Physical and chemical properties

**Appearance** : liquid

**Color** : clear
Odor: slight sweet

Odor Threshold: No data available

Flash point: > 199.99 °F (> 93.33 °C)

Ignition temperature: No data available

Decomposition temperature: No data available

Lower explosion limit (Vol%): No data available

Upper explosion limit (Vol%): No data available

Flammability (solid, gas): No data available

Oxidizing properties: The substance or mixture is not classified as oxidizing.

pH: 8 - 9.5

Melting point/range / Freezing point: No data available

Boiling point.boiling range: 226 °F (108 °C)

Vapor pressure: 17 mmHg (23 hpa)

Density: 1.27 - 1.33 g/cm³

Water solubility: Note: completely soluble

Partition coefficient: n-octanol/water: No data available

Viscosity, dynamic: No data available

Viscosity, kinematic: > 20.5 mm²/s

Relative vapor density: No data available

Evaporation rate: No data available

Burning rate: No data available

Volatile organic compounds (VOC) content: 5 g/l

10. Stability and reactivity

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical stability: The product is chemically stable.

Possibility of hazardous: Stable under recommended storage conditions.
Conditions to avoid : No data available
Incompatible materials : No data available

11. Toxicological information

**Acute toxicity**
Harmful if swallowed.

**Skin corrosion/irritation**
Not classified based on available information.

**Serious eye damage/eye irritation**
Causes serious eye damage.

**Respiratory or skin sensitization**
Skin sensitization: Not classified based on available information.
Respiratory sensitization: Not classified based on available information.

**Germ cell mutagenicity**
Not classified based on available information.

**Reproductive toxicity**
Not classified based on available information.

**STOT-single exposure**
Not classified based on available information.

**STOT-repeated exposure**
Not classified based on available information.

**Aspiration toxicity**
Not classified based on available information.

**Carcinogenicity**
Not classified based on available information.

<table>
<thead>
<tr>
<th>IARC</th>
<th>Not applicable</th>
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</thead>
<tbody>
<tr>
<td>NTP</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

12. Ecological information

Other information
Do not empty into drains; dispose of this material and its container in a safe way. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. May be harmful to the environment if released in large quantities. Water polluting material.
13. Disposal considerations

**Disposal methods**

Waste from residues: Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

**DOT**

Not regulated

**IATA**

UN number: 3082
Description of the goods: Environmentally hazardous substance, liquid, n.o.s. (Calcium nitrite)
Class: 9
Packing group: III
Labels: 9
Packing instruction (cargo aircraft): 964
Packing instruction (passenger aircraft): 964

**IMDG**

UN number: 3082
Description of the goods: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Calcium nitrite)
Class: 9
Packing group: III
Labels: 9
EmS Number 1: F-A
EmS Number 2: S-F
Marine pollutant: yes

IMDG: For Limited Quantity special provisions reference IMDG Code Chapter 3.4

**Special precautions for user**

No data available
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable

15. Regulatory information

TSCA list : All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity
This material does not contain any components with a CERCLA RQ.

SARA304 Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute toxicity (any route of exposure)
                     : Serious eye damage or eye irritation

SARA 302 : This material does not contain any components with a section 302 EHS TPQ.

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:
calcium nitrate 10124-37-5 3.00 %

Clean Air Act

Ozone-Depletion Potential
This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

California Prop 65
This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

16. Other information
Caution: HMIS® rating is based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® rating is not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® rating is to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). Please note HMIS® attempts to convey full health warning information to all employees.

Notes to Reader
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Revision Date 07/26/2018

Material number: 90820