

## Material Safety Data Sheet

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### 1. Product Identification

Product name: Calcium Ammonium Nitrate

Product Number: D9002

Brand: Dando

Supplier: Dando Chemicals US LLC

Address: 551 E 11 Mile Rd Suite 3B, Madison Heights, MI 48071 USA.

Telephone: 248-629-9434

Emergency Phone # (For both supplier and manufacturer): +1 (313) 520 1328

Email: info@dandochem.us

Preparation Information: Dando Chemicals US LLC

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### 2. Composition/Information on Ingredients

Chemical Name	General Name	CAS No	Percent	Hazardous
Calcium Nitrate with Crystal Water		10124-37-5(Anhydrous) 13477-34-4(Tetrahydrate)	81%	No
Ammonium Nitrate With Crystal Water			7%	No
Crystal water			12%	No

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### 3. First Aid Measures

**Inhalation:**

Remove to fresh air. Get medical attention if ill effects occur.

**Ingestion:**

If swallowed, do not induce vomiting, give several glasses of water or milk to drink. If large amounts were swallowed or symptoms occur, get medical advice. Never give anything by mouth to an unconscious person

**Skin Contact:**

Wash the affected area with soap and water

**Eye Contact:**

Immediately flush eyes with plenty of water for at least 15minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.

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**4. Fire Fighting Measures**

If substance is not directly involved in the fire, use the best means available to extinguish the fire. If substance is involved in the fire, use plenty of water. Do not use chemical extinguishers or foams or attempt to smother the fire with steam or sand. Open doors and windows of the store to give maximum ventilation. Do not allow molten substance to run into drains. Prevent contamination of the substance by oils or other combustible materials. If water containing fertilizer enters any drains or watercourse, inform the local authorities immediately.

In the event of a fire, wear full protective clothing and approved self-contained breathing apparatus, if fumes are being entered.

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**5. Accidental Release Measures**

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8.

Spills: Pick up and place in a suitable container for reclamation or disposal, using a method that does not generate dust.

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**6. Physical and Chemical Properties**

**Appearance:**

White granules.

**Odor:** Odorless.

**Solubility:**

Soluble in water.

**Bulk Density:**

Normal between 1000-1200kg/m<sup>3</sup>.

**PH:** 5.0(1%aqueous solution)

**%Volatiles by volume@21C (70F)**

No information found.

**Boiling Point:**

No information found.

**Melting Point**

100-104°C

**Decomposition Temperature:**

No information found. **Flash**

**Point (closed cup)** No

information found.

**Explosion Limit**

No information

**Vapor Density (Air=1)** No

information found. **Vapor**

**Pressure (mm Hg)**

No information found.

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## 7、 Toxicological Information

Oral rat LD50 :> 2000mg/kg.

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## 8、 Ecological Information

Environmental Fate: No

information found.

Environmental Toxicity: No

information found.

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## 9、 Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Dispose of container and unused contents in accordance with state and local requirements.

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## 10、 Transport Information

**Proper Shipping Name:** CALCIUM AMMONIUM NITRATE, SOLID

**Application:** Fertilizer. It is a high- efficient compound fertilizer with Nitrogen and water soluble calcium.

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#### **11、 Label First Aid**

If inhaled, remove to fresh air. Get medical attention for any breathing difficulty. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists. If swallowed, give several glasses of water to drink to dilute. If large amounts were swallowed or symptoms occur, get medical advice. Never give anything by mouth to a unconscious person.

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#### **12、 Handling and Storage**

Keep in a tightly closed container, stored in a cool, dry, ventilated area.

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#### **13、 Personal Protection**

**Skin Protection:** Wear protective gloves and clean body-covering clothing.

**Eye Protection:** Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

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#### **14、 Stability and Reactivity**

**Stability:** Stable under ordinary conditions of use and storage.

**Reactivity:** No information found.

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#### **15、 Disclaimer:**

The information in this Safety Data Sheet is given in good faith and belief in its accuracy based on our knowledge of the substance /preparation concerned at the date of publication. It does not imply the acceptance of any legal liability or responsibility whatsoever by the Company for the consequences of its use or misuse in any particular circumstances.

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#### **16. OTHER INFORMATION**

##### **Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Dando Chemicals and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.