



Canadian Agri Products(USA) Corp.

Chemicals to Trade, Experience to Remember

## Material Safety Data Sheet (MSDS)

# MAPLE CALCIUM AMMONIUM NITRATE

<b>1. Identification of the substance</b>	Product Identifier	Nitrogen Calcium Compound Fertilizer
	Synonymous	Nitrogen Calcium Compound Fertilizer
	Supplier's Name	Canadian Agri Products (USA) Corp. P.O. Box 251408, Plano, TX 75025
	Preparation Date	3/23/2010
<b>2. Composition /information on ingredients</b>	Product Name:	Nitrogen Calcium Compound Fertilizer
	<b>Chemical Name</b>	
	<b>Calcium Fertilizer</b>	
	Percent	81%
	Hazardous	NO
	CAS NO.	7778-18-9
	<b>With Crystal Water</b>	
	<b>Nitrogen fertilizer</b>	
	Percent	7%
Hazardous	No	
CAS NO.	4861-19-2	
<b>With Crystal Water</b>		
<b>Crystal water</b>		
Percent	12%	
Hazardous	No	
CAS NO.		
<b>3. First aid measures</b>	Eyes	Immediately flush eyes with plenty of water for at least 15minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.
	Skin	Wash the affected area with soap and water
	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
	Inhalation	Remove to fresh air. Get medical attention if ill effects occur.
<b>4. Fire fighting measures</b>	General Information	<b><u>If substance is not directly involved in the fire, use the best means available to</u></b> 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



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		<p>steam or sand. Open doors and windows of the store to give maximum ventilation. Do not allow molten substance to run</p> <p>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.</p> <p>In the event of a fire, wear full protective clothing and approved self-contained breathing apparatus, if fumes are being entered.</p>
<b>5. Accidental release measures</b>	General Information	Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 7.
	Leak / Spill	Spills, Pick up and place in a suitable container for reclamation or disposal, using a method that does not generate dust.
<b>6. Handling and storage</b>	Handling Procedures	Observe normal hygiene standards. Avoid raising dust Do not discharge the waste into the drain
	Storage Requirements	Keep container tightly closed. Keep out of direct sunlight. Store in a dry area. Store in a well- ventilated area. Keep away from: heat sources, inflammable materials, reducing agents, organic materials
<b>7. Exposure controls/personal protection</b>	Respiratory protection:	- Dust formation: dust mask
	Hand protection:	- Gloves.
	Eye protection:	- Safety glasses - In case of dust production: protective goggles
	Skin protection:	- Protective clothing
<b>8. Physical and chemical properties</b>	Appearance:	White crystal
	Odor:	Odourless.
	Solubility:	Soluble in water.
	Bulk Density:	Normal between 1000-1200kg/m3.
	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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<p><b>9. Stability and reactivity</b></p>	<p>Conditions to avoid/ reactivity: Hygroscopic Materials to avoid: Keep away from : heat sources, combustible materials, reducing agents, organic materials</p>
<p><b>10. Toxicological information</b></p>	<p>Oral rat LD50:&gt;2000mg/k</p>
<p><b>11. Ecological information</b></p>	<p>Environmental Fate: No information found. Environmental Toxicity: No information found.</p>
<p><b>12. Disposal considerations</b></p>	<p>Waste Disposal 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.</p>
<p><b>13. Transport information</b></p>	<p>Proper Shipping Name : Nitrogen Calcium Compound Fertilizer, SOLID Hazard Class: None UN/NA: None Packing Group: None</p> <p>Emergency Overview UNDANGER! It is a new nitrogenous and calcareous fertilizer with characteristics of high efficiency and quickly make-up Nitrogen, applied in greenhouse and large-area farmland. It improves the soil and granulates the soil making it anti-caking. When employed in industrial crops, flowers, fruits and vegetables, it extends florescence, spurs the root, the stem and the leaf to grow normally, guarantees fruits in gay colors and increases carbohydrate contents in fruits. It is a high-efficiency environmental protection greening fertilizer.</p>
<p><b>14. Label First aid</b></p>	<p>Note 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 an unconscious person.</p>



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*THE INFORMATION IN THIS MSDS RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. IT IS THE USERS' RESPONSIBILITY TO SATISFY THEMSELVES AS TO THE SUITABILITY AND COMPLETENESS OF THIS INFORMATION FOR THEIR OWN PARTICULAR USE.*

All non-emergency questions should be  
Directed to Customer Service at

**972-403-7444**

**24 hour emergency Telephone: Chemtrec 800-424-9300**

**National response in Canada: Canutec 613-996-6666**

**Outside US & Canada: Chemtrec: 202-483-7616**

Note: Chemtrec and Canuteemergency numbers to be used only in the event of chemical emergencies involving a spill, leak, exposure or accident involving chemicals.