

Safety Data Sheet

ACERnt 13-10-15 Spring & Summer Perennial

SECTION 1. IDENTIFICATION

Product Identifier	ACERnt 13-10-15 Spring & Summer Perennial
Other Means of Identification	11014, 11015
Product Family	ACERnt Controlled Release Fertilizer
Manufacturer	Master Plant-Prod Inc., 314 Orenda Rd., Brampton, Ontario, Canada, L6T 1G1
Emergency Phone No.	CANUTEC, 1-613-996-6666, 24 Hours
SDS No.	00020001
Date of Preparation	April 07, 2014

SECTION 2. HAZARDS IDENTIFICATION

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Ammonium nitrate	6484-52-2	20-25	229-347-8
Potassium nitrate	7757-79-1	16-30	231-818-8

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Take precautions to ensure your own safety before attempting rescue (e.g. wear appropriate protective equipment). Remove source of exposure or move to fresh air. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor. Get medical advice/attention if you feel unwell or are concerned.

Skin Contact

Avoid direct contact. Wear chemical protective clothing if necessary. Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Get medical advice/attention if you feel unwell or are concerned.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice/attention.

Ingestion

Immediately call a Poison Centre or doctor. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Use water to keep non-leaking, fire-exposed containers cool.

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Unsuitable Extinguishing Media

Do not use water jet.

Specific Hazards Arising from the Chemical

Do not inhale decomposition fumes.

Special Protective Equipment and Precautions for Fire-fighters

Wear SCBA and full protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway.

Methods and Materials for Containment and Cleaning Up

Avoid generating dust. Shovel or sweep up and reuse.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid generating dusts. It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

Conditions for Safe Storage

Store in an area that is: dry, well-ventilated. Store in the original, labelled, shipping container.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate Engineering Controls

Use a local exhaust ventilation and enclosure, if necessary, to control amount in the air. Applicators should stand upwind.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

Respiratory Protection

Wear a NIOSH approved air-purifying respirator with an appropriate cartridge. 3M8210 or better.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Particle Size	Not applicable
Odour	Faint
Odour Threshold	Not applicable
pH	Not available
Melting Point/Freezing Point	Not applicable (melting); Not applicable (freezing)
Initial Boiling Point/Range	Not applicable
Flash Point	Not available
Evaporation Rate	Not applicable
Flammability (solid, gas)	Will not burn.
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapour Pressure	Not applicable
Vapour Density (air = 1)	Not applicable

Solubility	Not applicable in water; Not applicable (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not applicable
Viscosity	Not applicable (kinematic)
Other Information	
Physical State	Solid

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Mild oxidizer. May intensify fire.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

Decomposes in the presence of heat. See "Hazardous Decomposition Products".

Conditions to Avoid

Heat. Water, moisture or humidity.

Incompatible Materials

Increased risk of fire and explosion on contact with: reducing agents (e.g. hydroquinone), organic acids (e.g. acetic acid), combustible materials, flammable liquids.

Hazardous Decomposition Products

Oxygen (a strong oxidizer); corrosive, oxidizing nitrogen oxides; extremely hazardous hydrogen cyanide.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	LD50 (oral)	LD50 (dermal)	
Potassium nitrate	3750 mg/kg (rat)		
Ammonium nitrate	2800 mg/kg (rat)		

LC50: Not applicable.

Skin Corrosion/Irritation

May cause rash.

Serious Eye Damage/Irritation

May cause moderate aggravation. Abrasive action of dust particulate can damage eye.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

May lead to respiratory irritation.

Skin Absorption

Not absorbed through skin.

Ingestion

Excessive ingestion must occur before any health hazard results effects of over exposure may include nausea, vomiting, diarrhea, weakness or convulsions.

Aspiration Hazard

Symptoms may include coughing, choking, shortness of breath, difficult or rapid breathing, and wheezing.

Respiratory and/or Skin Sensitization

Not known to be a skin sensitizer. Respiratory sensitizer.

Carcinogenicity

Not known to cause cancer.

Reproductive Toxicity**Development of Offspring**

Not known to harm the unborn child.

SECTION 12. ECOLOGICAL INFORMATION

Keep out of water supplies, lakes, ponds, streams and rivers. May promote algae growth.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal Methods**

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

Special Precautions for User Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION**SECTION 16. OTHER INFORMATION**

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