

# SAFETY DATA SHEET — 16 Sections


## SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier <b>ONSET ACTIVATOR</b>		[WHMIS Classification]	
Product Use <b>PLANT/SOIL AMENDMENT</b>			
Manufacturer's Name <b>NECTERNAL</b>		Supplier's Name <b>NECTERNAL</b>	
Street Address <b>PO BOX 2270</b>		Street Address <b>PO BOX 2270</b>	
City <b>IDAHO FALLS</b>		City <b>IDAHO FALLS</b>	
State <b>ID</b>		State <b>ID</b>	
Postal Code <b>83403</b>	Manufacturer's Telephone <b>208-419-3355</b>	Postal Code <b>83403</b>	Emergency Telephone <b>1-800-262-8200 (Chem Trec)</b>
Date MSDS Prepared <b>11/26/14</b>		MSDS Prepared By <b>Midwest Laboratories, Inc.</b>	Phone Number <b>402-334-7770</b>

## SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients ( <i>specific</i> )	%	CAS Number	LD <sub>50</sub> of Ingredient ( <i>specify species and route</i> )	LC <sub>50</sub> of Ingredient ( <i>specify species</i> )
No known hazardous ingredients	N/A	N/A	N/A	N/A

## SECTION 3 — HAZARDS IDENTIFICATION

Route of Entry <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input type="checkbox"/> Inhalation <input type="checkbox"/> Ingestion
Emergency Overview <b>Material may cause red, itchy skin, uticaria, and tenderness due to acidic nature of sample.</b>
WHMIS Symbols <div style="display: flex; align-items: center; gap: 20px;">  <div> <p>Caution</p> <p>Could be a skin irritant if allergic.</p> </div> </div>
Potential Health Effects <b>Acidic pH may cause skin irritation. No known long term health effects.</b>

## SECTION 4 — FIRST AID MEASURES

Skin Contact <b>Flush with water for 15 minutes. Remove contaminated clothing. Contact physician if irritation persists.</b>
Eye Contact <b>Flush with water for fifteen (15) minutes. Contact physician if irritation persists.</b>
Inhalation <b>N/A</b>
Ingestion <b>N/A</b>

## SECTION 5 — FIRE FIGHTING MEASURES

Flammable <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, under which conditions?	
Means of Extinction Material is not flammable.		
Flashpoint (°C) and Method >100°C ASTM D93	Upper Flammable Limit (% by volume) NA – Liquid content boils	Lower Flammable Limit (% by volume) NA – Liquid content boils
Autoignition Temperature (°C) Will not auto ignite	Explosion Data — Sensitivity to Impact Not explosive	Explosion Data — Sensitivity to Static Discharge Not explosive
Hazardous Combustion Products No known hazardous combustion products.		
[NFPA] Not listed.		

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures Follow state and federal regulations. Prevent material from entering waters of the state. Use diking material. Absorb with a general absorbent.
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## SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment No special procedures for handling the product and no special equipment required.
Storage Requirements No special storage requirements.

## SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits <input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input type="checkbox"/> Other ( <i>specify</i> ) Not listed
Specific Engineering Controls ( <i>such as ventilation, enclosed process</i> ) No special engineering. Acidic pH may cause corrosion on some types of metal alloys.
Personal Protective Equipment <input checked="" type="checkbox"/> Gloves <input type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type Wear general purpose gloves if handling in large quantities. Always wear protective eyewear when working with product. Wear protective clothing to cover the skin if individual is allergic to the product.

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State <b>Liquid</b>	Odor and Appearance <b>Brown liquid with a sweet odor</b>	Odor Threshold (ppm) <b>Not tested.</b>
Specific Gravity <b>1.030 g/mL @ 25°C</b>	Vapor Density (air = 1) <b>Not tested.</b>	Vapor Pressure (mmHg) <b>Not tested.</b>
Evaporation Rate <b>Similar to water</b>	Boiling Point (° C) <b>~ 100°C</b>	Freezing Point (° C) <b>~ 0°C</b>
pH <b>3.96 S.U.</b>	Coefficient of Water/Oil Distribution <b>Not tested</b>	[Solubility in Water] <b>Fully soluble</b>

## SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which ones? <b>Strong oxidizers.</b>
Reactivity and under what conditions? <b>Non reactive to acid, base, or water.</b>	
Hazardous Decomposition Products <b>No known hazardous decomposition products.</b>	

## SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure <b>No known toxicological effects. Material has an acidic pH, but is not caustic to the skin.</b>	
Effects of chronic exposure <b>Could develop skin hypersensitivity over prolonged use and exposure.</b>	
Irritancy of Product <b>Mild irritant</b>	
Skin sensitization <b>Mild sensitizer</b>	Respiratory sensitization <b>Mild sensitizer</b>
Carcinogenicity-IARC <b>Not listed</b>	Carcinogenicity - ACGIH <b>Not listed</b>
Reproductive toxicity <b>Not listed</b>	Teratogenicity <b>Not listed</b>
Embrototoxicity <b>Not listed</b>	Mutagenicity <b>Not listed</b>
Name of synergistic products/effects <b>None known</b>	

## SECTION 12 — ECOLOGICAL INFORMATION

[Aquatic Toxicity] <b>In concentrated form, may cause depletion of oxygen (organic load). Prevent spilling into rivers or lakes of the state.</b>
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## SECTION 13 — DISPOSAL CONSIDERATIONS

[Water Disposal] <b>Material can be land applied or if collected and absorbed with an absorbent, material can be disposed of in a licensed landfill.</b>
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## SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information <b>No special shipping or packaging required.</b>	
	PIN
TDG <b>Not listed</b>	[DOT] <b>Not listed</b>
[IMO] <b>Not listed</b>	[ICAO] <b>Not listed</b>

## SECTION 15 — REGULATORY INFORMATION

[WHMIS Classification] <b>Not listed</b>	[OSHA] <b>Not listed</b>
[SERA] <b>Not listed</b>	[TSCA] <b>Not listed</b>
<i>This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.</i>	

## SECTION 16 — OTHER INFORMATION

This information hereby is furnished without warranty of any kind. Individual handling the product should only use this information as supplemental information to others gathered. The information used by the parties handling and using the product need to be aware of proper use and disposal of the material.