

# MATERIAL SAFETY DATA SHEET

Precision Laboratories, Inc.

Updated 10/19/05  
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**Product Name: SYNC - Activator Adjuvant for Fungicides**

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## 1. PRODUCT AND COMPANY IDENTIFICATION

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Product name: SYNC  
Manufacturer: PRECISION LABORATORIES, INC.  
1429 South Shields Drive  
Waukegan, IL 60085

Emergency Telephone Number: CHEMTREC 1-800-424-9300

For MSDS, Product Safety, or  
Regulatory Inquiries, call: (847) 596-3001  
(800) 323-8351

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## 2. INGREDIENTS

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<u>Component</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>% by Wt.</u>
Proprietary Surfactant Blend	Proprietary	NE	NE	100

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## 3. HAZARDS IDENTIFICATION

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**EMERGENCY OVERVIEW: WARNING**  
MAY BE HARMFUL IF SWALLOWED  
KEEP AWAY FROM HEAT AND OPEN FLAME.

HMIS Hazard Rating:  
1 Health Hazard Rating  
2 Flammability Rating  
0 Reactivity Rating  
A Personal Protection

**Primary Routes of Exposure:**

**Eyes: Yes      Skin: Yes      Oral: Unlikely      Inhalation: Unlikely**

**Signs and Symptoms of Exposure:**

Eye contact; Prolonged and repeated contact of concentrated product will cause irritation and reddening.  
Skin contact; Prolonged or repeated skin contact can result in irritation.  
Inhalation; May result in respiratory irritation.  
Ingestion; May result in nausea, abdominal discomfort, vomiting and mucosal irritation.

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## 4. FIRST AID MEASURES

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**FIRST AID MEASURES FOR ACCIDENTAL:**

**Eye Exposure:** Remove contact lenses if present. Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation occurs.

**Skin Exposure:** Wash affected area with plenty of soap and water. Seek medical attention if irritation, itching or reddening occurs.

**Inhalation:** Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration. Get emergency medical help immediately.

**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Never give fluids or force vomiting if the person is unconscious, is having convulsions or has no gag reflex. If large quantities are swallowed, get emergency medical help immediately.

**Medical Conditions Aggravated by Overexposure:** None Known

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## 5. FIRE-FIGHTING MEASURES

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### FIRE HAZARD DATA:

**Flammability:** Not known to be combustible

**Autoignition Temperature:** Not Known

**Flash Point:** Greater than 200F (Pensky-Martens)

**Extinguishing Media:** Use DRY chemical powder, water, foam, or fog.

**Special Fire Fighting Procedures:** Wear full protective clothing including self-contained breathing apparatus to protect against possible toxic fumes from products and surrounding fire. Protect waterways from runoff.

Products of Combustion: Carbon monoxide and carbon dioxide.

**Additional Fire and Explosive Data:** None

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## 6. SPILL RESPONSE MEASURES

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Always wear personal protective equipment when remediating spills and leaks.

In the event of a small spill, mop up or use an absorbent material and place in an appropriate waste disposal container. Finish cleaning by mopping the contaminated surface with water and dispose of according to local and state regulations.

In the event of a large spill, keep away from heat and ignition sources. Cover drains and stop leak. Contain spread of material using absorbent pillows and booms. Pump or absorb material into approved waste disposal containers. Finish cleaning by spreading water on the contaminated surface and evacuate through sanitary system.

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## 7. HANDLING AND STORAGE

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**Precautions to be Taken in Handling:** Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. To avoid fire minimize ignition sources.

**Precautions to be Taken in Storage:** Keep containers in a cool, well ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

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## 8. EXPOSURE / PERSONAL PROTECTION

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**Note:** When selecting personal protective equipment and clothing, follow all of the manufacturer specifications and recommendations that apply to your specific operation and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed.

**Eye Protection:** Wear splash-proof chemical safety goggles. Contact lenses should not be worn when working with chemicals.

**Skin Protection:** Wear coveralls and boots to minimize skin contact. As precautions, wash hands and face with mild soap and water before eating, drinking, smoking or using restroom. After each shift, clean all protective equipment, wash work clothes, and shower.

**Inhalation Protection:** Not required under normal use conditions with good ventilation. Protect against spray mists.

**Other Protection:** Eye wash fountains and drench showers should be located within 100 feet or a 10 second walk of the work area per ANSI Z358.1-1990.

**Personal Protection in Case of Large Spill:** Splash Goggles, Full Suit, Boots and Gloves.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Physical Appearance & Odor:** Amber to yellow liquid with mild odor

**Boiling Point:** >100°C (212°F)

**pH:** 1% solution in water is 6.5-7.5

**Solubility in Water:** Soluble

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## 10. STABILITY AND REACTIVITY

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**Chemical Stability:** Stable

**Incompatibility:** Reactive with oxidizing agents and acids.

**Hazardous Decomposition Products:** Burning may produce oxides of carbon and other substances.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** Excessive heat.

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## 11. TOXICOLOGICAL INFORMATION

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No toxicological data is available for this product.

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## 12. ECOLOGICAL INFORMATION

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No ecological data is available for this product.

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## 13. DISPOSAL CONSIDERATIONS

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**Disposal Methods:** Recycle or rework material if at all possible. Incinerate material at an approved facility. Treat at an acceptable waste treatment facility, or municipal waste treatment plant after proper testing and approval waste samples in compliance with applicable federal, state and local environmental regulations.

**Container Reuse:** An empty container can contain product residue, and should be not reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse.

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## 14. TRANSPORT INFORMATION

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**DOT Status (Highway and rail):** Not Regulated

**IATA Status (Air):** Not Regulated

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WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, PRECISION LABORATORIES, INC. MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.