1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	**ProSurge™**
Supplier:	Precision Laboratories, LLC 1429 S. Shields Drive Waukegan, IL 60085
Product Use:	Catalytic Seed Treatment for Cereals
Emergency telephone number:	(Chemtrec Information 24 hours) (800) 424-9300
Customer Service, call:	(847) 596-3001

2. HAZARDS IDENTIFICATION

GHS Classification:

Skin Irritation, Category 2, H315

Eye Irritation, Category 2A, H319

Acute Toxicity, Category 4 (inhalation), H332

H315,H319,H332

Signal Word: Warning

Hazard Statements:

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

Precautionary Statements:

Prevention

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P264: Wash protective equipment and work clothes thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302+P352: IF ON SKIN: Wash with plenty of water.

P304+P340: If inhaled: Remove person to fresh air and keep comfortable for breathing.

P312: Call a poison center/doctor or Chemtrec if person feels unwell.

P321: Treat symptomatically.

P332+P313: If skin irritation occurs: Get medical advice or attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical attention or advice.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	OSHA PEL	ACGIH TLV	Weight %
Powdered plant extracts	Proprietary	N/E	N/E	100

4. FIRST AID MEASURES

IF SWALLOWED: Rinse mouth. Have person sip a glass of water if able to swallow. Do NOT induce vomiting, unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

IF ON SKIN: Wash affected area with plenty of soap and water. Use tepid water if available. If skin irritation occurs: Get medical advice or attention. Treat symptomatically. Take off contaminated clothing and wash it before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration. Call a poison center/doctor or Chemtrec if person feels unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

Medical Conditions Aggravated by Overexposure: Repeated or prolonged exposure may aggravate symptoms of nausea or skin irritation.

Other Effects: This product is not a carcinogen by NTP, OSHA and ACGIH.

5. FIREFIGHTING MEASURES

Suitable Extinguishing media: Water spray, foam, CO_2, or dry chemicals may be used in areas where this product is stored.

PPE and Precautions: Fire fighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

Additional Fire and Explosion Data: Fight fire upwind. Do not breathe smoke. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses. Evacuate people downwind from fire.

6. ACCIDENTAL RELEASE MEASURES

Evacuate the spill area, except for cleanup personnel. Sweep or otherwise collect for disposal. See Section 13 below for disposal considerations.

Disposal: Product is slippery under foot; flush smooth surfaces thoroughly. Dispose of collected waste in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Precautions to be Taken in Handling: Keep container sealed when not in use. Safety goggles and eyewash recommended. USDA-accepted nitrile (CFR-20) or neoprene rubber (CFR-21) recommended. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Precautions to be Taken in Storage: Product should be stored in a dry place. Do not store together with food, beverage and animal feed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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.

Component Exposure Limits: N/D

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

Skin Protection: Wear chemically impervious gloves, long-sleeved shirt, pants, socks and shoes 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.

Respiratory Protection: Not required under normal use conditions with good ventilation. Protect against spray mists. Respirator recommended in areas of poor ventilation.

General Protection: Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Wash thoroughly after handling product.

Note: Eye wash fountains and drench showers should be located within a 10 second walk from the work area per ANSI Z358.1-2009.

Personal Protection in Case of Large Spill: Splash goggles, full suit, boots and gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light gray powder	LEL:	N/A
Odor:	Product-specific odor	Vapor Pressure:	N/D
pH (1% solution in water):	Approx. 4.0	Vapor Density:	N/D
Melting Point:	N/D	Relative Density:	N/D
Freezing Point:	N/D	Solubility in water:	Soluble
Boiling Point:	N/D	Partition Coefficient:	N/D
Flash Point:	N/A	Autoignition Temperature:	N/D
Evaporation Rate:	N/D	Decomposition Temperature:	N/D
Flammability:	N/A	VOC:	N/D
UEL:	N/A	Viscosity:	N/D

10. STABILITY AND REACTIVITY

Stability: The product is stable under normal conditions.

Incompatibility: Strong acids, strong oxidizers. Do not mix with chlorinated detergents (bleach).

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Condition to Avoid: Excessive heat.

Hazardous Decomposition Products: Burning may produce oxides of carbon and silicon.

11. TOXICOLOGICAL INFORMATION

No toxicological data is available for this product.

12. ECOLOGICAL INFORMATION

No ecological data is available for this product.

13. DISPOSAL CONSIDERATIONS

Component Waste Numbers: No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions: 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 not be reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse.

14. TRANSPORT INFORMATION

DOT Status (Highway and rail): N/E

IATA Status (Air): N/E
Marine Pollutant: No

15. REGULATORY INFORMATION

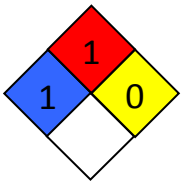
SARA HAZARD: No
TSCA: Components listed
AICS (Australia): Components listed
DSL (Canada): Components listed
EINECS (Europe): Components listed

16. OTHER INFORMATION

HMIS Hazard Rating

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	X

NFPA Rating



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N/R—Not Rated
N/D—Not Determined
N/A—Not Applicable
N/E—Not Established
EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.