

SAFETY DATA SHEET

PRECISION LABORATORIES, LLC

1. PRODUCT AND COMPANY IDENTIFICATION

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

2. HAZARDS IDENTIFICATION

GHS Classification:

Eye Irritation, Category 2B, H320

Signal Word: Warning

Hazard Statements:

H320: Causes eye irritation.

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.

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

Response

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

<u>Component</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Weight %</u>
This product is a proprietary blend of naturally-occurring organic acids.				

4. FIRST AID MEASURES

IF SWALLOWED: 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.

IF INHALED: Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration.

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 is not known to aggravate medical condition.

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

5. FIREFIGHTING MEASURES

Suitable Extinguishing media: Water spray, foam, CO₂, or dry chemicals may be used in areas where this product is stored.

Specific Hazards: None.

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

Additional Fire and Explosion Data: Contain escaping vapors with water. Prevent fire-fighting water from entering surface water or groundwater. Normal fire-fighting procedures may be used.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill: Evacuate the spill area, except for cleanup personnel. Wear personal protective equipment (PPE). Control spill with adsorbent pads or booms. Recover free liquid. For recovery or disposal, add inert absorbent (sand, earth, sawdust, etc.) to spill area and shovel into containers for disposal. Ventilate area and wash spill site after material pickup is complete.

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: Do not contaminate water, food, or feed by storage or disposal. Keep container sealed when not in use. Safety goggles and eye wash is 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 cool, dry place in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of reach of children, preferably in a locked storage area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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: 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 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. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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10. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brown liquid	LEL:	N/A
Odor:	Sweet aroma of malt	Vapor Pressure:	N/A
Odor Threshold:	N/D	Vapor Density:	N/A
pH (neat):	Ranges near 6.5	Relative Density (lbs/gl):	9.76 ± 0.06
Melting Point:	N/A	Solubility in water:	Soluble
Freezing Point:	N/A	Partition Coefficient:	N/D
Boiling Point:	N/A	Autoignition Temperature:	N/D
Flash Point:	N/A	Decomposition Temperature:	N/D
Evaporation Rate:	N/A	VOC:	N/D
Flammability:	N/A	Viscosity:	N/D
UEL:	N/A		

10. STABILITY AND REACTIVITY

Stability:	Stable at room temperature.
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur.
Condition to Avoid:	Store in accordance with Section 7 above. Avoid direct sunlight and prevent product from drying.
Incompatible Materials:	This product is compatible with most commonly used agricultural fungicides, insecticides, herbicides, fertilizers, seed treatments and spray adjuvants. If compatibility with another product is unknown, a jar test for physical compatibility should be conducted before mixtures are made. Read and recognize all cautions and limitations on labeling of all products used in mixtures.
Thermal Decomposition Products:	None known.
Hazardous Decomposition Products:	None known.

11. TOXICOLOGICAL INFORMATION

LD50 (Acute oral Tox):	>5000 mg/kg (rats)
LD50 (Acute dermal Tox):	>5000 mg/kg (rabbits)
Effects of Chronic Exposure:	None known.
Sensitization:	Not a sensitizer.
Carcinogenicity:	Not carcinogen based on data supporting active ingredients.
Reproductive Toxicity:	Not a reproductive toxicant based on data supporting active ingredients.
Teratogenicity:	Not teratogenic based on data supporting active ingredients.
Mutagenicity:	Not mutagenic based on data supporting active ingredients.

The product should be handled with the usual care when dealing with chemicals. No toxicological effects can be expected when the product is handled and used with due care and attention.

12. ECOLOGICAL INFORMATION

Degrades rapidly in the environment. Hazard for drinking water. Ensure that the product does not reach groundwater, water bodies or drainage system. No ecological problems expected when product is handled and used with due care and attention.

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. Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal in compliance with applicable federal, state and local environmental regulations.

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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. Dispose of all containers and packaging in a sanitary landfill, by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of the smoke.

14. TRANSPORT INFORMATION

DOT Status (Highway and rail): Not Regulated
Canadian Shipping: Not Applicable
TDG Classification: Not Applicable
PIN/NIP: Not Applicable
Marine Pollutant: No

15. REGULATORY INFORMATION

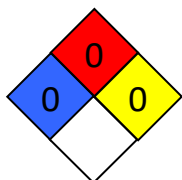
SARA HAZARD: No
TSCA: Components listed
DSL (Canada): Components listed

16. OTHER INFORMATION

HMIS Hazard Rating

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

NFPA Rating



Date Prepared: August 13, 2014

Last Updated: July 2, 2015

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

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.