

SAFETY DATA SHEET

PRECISION LABORATORIES, LLC

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Persist® Advanced
Supplier:	Precision Laboratories, LLC 1429 S. Shields Drive Waukegan, IL 60085
Product Use:	Seed Oil
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

Serious Eye Damage/Irritation, Category 2, H319



H315

Signal Word: Warning

Hazard Statements:

H315: Causes skin irritation.

H319: Causes serious 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.

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.

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

P310: Immediately call a POISON CENTER/doctor or Chemtrec.

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.

Storage

P405: Store locked up.

Disposal

P501: Dispose of contents/container to disposal plant in accordance with federal, state and local regulations.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Weight %</u>
Methylated canola oil	67762-26-9			70%–75%
Siloxane polyalkylenoxide copolymer	Proprietary			10%–20%
Isodecyl alcohol ethoxylate	61827-42-7			5%–10%

4. FIRST AID MEASURES

IF SWALLOWED: Call a POISON CENTER/doctor or Chemtrec if person feels unwell. Rinse mouth. Do not induce vomiting unless directed to do so by medical personnel.

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. Seek medical advice or attention, preferably from an ophthalmologist.

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: Use alcohol-resistant foam, water spray (fog) or dry powder.

Specific Hazards: Do not direct a solid stream of water or foam into hot, burning pools, as this may cause frothing and increase fire intensity.

Materials saturated with this product, such as oily rags, used oil dri, soaked insulation pads, etc, may spontaneously combust due to product decomposition in the presence of oxygen. Place all such materials into appropriate oily waste containers and dispose of according to local, state, and federal regulations.

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

Products of Combustion: Carbon dioxide, carbon monoxide, nitrogen oxides, and sulfur oxides.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill: Avoid contact with skin, eyes and clothing. Avoid contact with liquid and vapors. Use personal protective equipment as referenced in Section 8 below. Do not flush into water or sanitary sewer system. 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.

Disposal: Dispose of collected waste in accordance with federal, state and local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

7. HANDLING AND STORAGE

Store locked up. Keep container closed. Safety goggles and eyewash recommended. Wear appropriate protective equipment or clothing as referenced in Section 8 below to prevent repeated or prolonged skin contact. Wash hands immediately after handling product. Keep container closed. Keep away from heat and possible sources of ignition. Partially used containers should be resealed between uses for maximum storage stability.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits:	None
Eye/Face Protections:	Wear splash-proof chemical safety goggles. Contact lenses should not be worn when working with chemicals.
Skin Protection:	Wear chemically-resistant 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. If ventilation is inadequate, a respirator is recommended. Protect against spray mists.
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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear amber liquid	UEL:	N/D
Odor:	Mild polyether odor	LEL:	N/D
Odor Threshold:	N/D	Vapor Pressure:	N/D
pH:	6-8	Vapor Density:	N/D
Melting Point:	N/D	Relative Density (lbs/gl):	7.6 ± 0.05
Freezing Point:	N/D	Solubility:	Dispersible
Boiling Point:	>300°F (150°C)	Partition Coefficient:	N/D
Flash Point:	225°F (107°C)	Autoignition Temperature:	N/D
Evaporation Rate (water=1):	>1	Decomposition Temperature:	N/D
Flammability:	N/D	VOC:	N/D

10. STABILITY AND REACTIVITY

Stability:	Stable
Possibility of Hazardous Reactions:	None with recommended storage and usage.
Condition to Avoid:	None known
Incompatible Materials:	Strong oxidants such as liquid chlorine, sodium hypochlorite (explosion hazard)
Hazardous Decomposition Products:	Burning may produce oxides of carbon and other substances.

11. TOXICOLOGICAL INFORMATION

No toxicological information is available for this product.

- Siloxane Polyalkylene Copolymer; LD50; Rat; >2,000 mg/kg; Method: OECD-Guideline 401 (Acute Oral Toxicity)
- Siloxane Polyalkylene Copolymer; LD50; Rat; >4,000 mg/kg; Method: OECD-Guideline 401 (Acute Dermal Toxicity)
- Siloxane Polyalkylene Copolymer; Rabbit, Slightly irritating; Method: OECD-Guideline 404 (Skin Irritation)
- Siloxane Polyalkylene Copolymer; Rabbit; Strongly irritating; Method: OECD-Guideline 405 (Acute Eye Irritation)

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12. ECOLOGICAL INFORMATION

No ecological information is available for this product.

Siloxane Polyalkyleneoxide Copolymer; LC50; Rainbow Trout; 4.5 mg/L; 96 hours; OECD-Guideline 203 (Acute Toxicity)

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 of waste samples, in compliance with applicable federal, state and local environmental regulations.

Container Reuse: An empty container may hold 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 container in accordance with federal, state, and local environmental regulations. **Dispose of container to treatment plant in accordance with federal, state and local regulations.**

14. TRANSPORT INFORMATION

DOT Status (Highway and rail): UN3082, Environmentally Hazardous Substance, Liquid, N.O.S. (Siloxane Polyalkyleneoxide Copolymer), 9, PGIII

IATA Status (Air): UN-No. 3082. Class 9. Packaging group III. R20, R36, R36/38, R41, R48/20, R51/53.

Marine Pollutant: Yes

15. REGULATORY INFORMATION

TSCA: All components of this product are listed under the regulation of the Toxic Substance Control Act.

SARA HAZARD:

SARA Hazard Designation Sections 311/312 (40 CFR 370)

Fire Hazard:	No
Reactivity Hazard:	No
Sudden Release of Pressure Hazard:	No
Acute Health Hazard:	No
Chronic Health Hazard:	No

Section 313 Toxic Chemicals (40 CFR 372.65): No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.

Section 302 Emergency Planning Extremely Hazardous Substance Threshold Planning Quantity (40 CFR 355): No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (40 CFR 63)

Ingredient	CAS Number
Methanol	76-56-1

State Regulations: This product contains the following components that are regulated under California Proposition 65:

Ingredient	CAS Number	Category
Methanol	76-56-1	Developmental

WHMIS Product Classification

D2A – Materials causing other toxic effects, very toxic material. This classification reflects the presence of a hazardous component at a level greater than 0.1%. (Methyl alcohol – teratogenicity in animals; embryotoxicity in animals).

WHMIS Ingredient Disclosure List IDL

Ingredient	Weight %	WHMIS IDL	WHMIS Threshold Limits
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Methanol ≤ 0.2% Listed 0.1%

(NPRI) Canadian National Pollutant Release Inventory

Ingredient Weight % NPRI

Methanol ≤ 0.2% Part 1, Group A Substance; Part 5, Individual Substances; Part 4 Substance

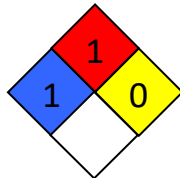
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

16. OTHER INFORMATION

HMIS Hazard Rating

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	X

NFPA Rating



Date Prepared: March 3, 2015

Last Updated: July 17, 2021

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.