

SAFETY DATA SHEET

PRECISION LABORATORIES, LLC

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Volare DC™**
Supplier: Precision Laboratories, LLC
1429 S. Shields Drive
Waukegan, IL 60085
Product Use: Aerial Drift Retardant, Deposition Aid and High Surfactant OC
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 advice/attention.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Weight %</u>
Paraffin oils	8012-95-1			60%–70%
Proprietary Surfactant	Proprietary			30%–35%

4. FIRST AID MEASURES

IF SWALLOWED: Call a POISON CENTER/doctor or Chemtrec if person feels unwell. 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.

IF INHALED: Move person to fresh air. 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 is not known to aggravate medical condition.

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

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5. FIREFIGHTING MEASURES

Suitable Extinguishing media: Use water spray, foam, CO₂ or dry chemical.

Specific Hazards: In a fire or if heated, a pressure increase will occur and the container may burst. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

PPE and Precautions: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing to protect against possible toxic fumes from products and surrounding fire.

Products of Combustion: N/D

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill: Stop the flow of material, if this is without risk. Absorb material with suitable absorbent and containerize for disposal. Isolate area. Keep unnecessary personnel away.

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

Avoid eye and skin contact. Wash thoroughly after handling. Keep away from oxidizing materials and strong acids. Keep container tightly closed in a cool, well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits:	Product Name	Exposure Limits
	Paraffin oils (8012-95-1)	ACGIH: 5 mg/m ³ TWA (excluding metal working fluids, highly & severely refined, inhalable fraction) OSHA: 5 mg/m ³ TWA NIOSH: 5 mg/m ³ TWA 10 mg/m ³ STEL

Eye/Face Protections: Wear protective eyewear. Contact lenses should not be worn when working with chemicals.

Skin Protection: Wear long-sleeved shirt; long pants; socks; shoes; and barrier laminate, neoprene rubber, nitrile rubber or Viton[®] gloves.

Respiratory Protection: None required where adequate ventilation conditions exist. If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection. Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.

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.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, amber liquid	UEL:	N/D
Odor:	Characteristic	LEL:	N/D
Odor Threshold:	N/D	Vapor Pressure:	N/D
pH:	N/D	Vapor Density:	2.6
Melting Point:	N/D	Relative Density:	0.88 sg
Freezing Point:	N/D	Solubility:	N/D
Boiling Point:	326–407°C	Partition Coefficient:	N/D
Flash Point:	N/D	Autoignition Temperature:	N/D
Evaporation Rate:	N/D	Decomposition Temperature:	N/D
Flammability:	N/D	VOC:	N/D

10. STABILITY AND REACTIVITY

Stability:	Stable
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur.
Condition to Avoid:	Heat and sources of ignition.
Incompatible Materials:	Oxidizers
Hazardous Decomposition Products:	Oxides of carbon

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	LD50 > 5,050 mg/kg (albino rats)
Acute Eye Irritation:	Mildly irritating (albino rabbits)
Acute Dermal Irritation:	Non-irritating (albino rabbits)
Acute Dermal Toxicity:	LD50 > 5,050 mg/kg (albino rats)
Acute Inhalation:	Not Required (NR)
Component Carcinogenicity:	Paraffin oils (8012-95-1): ACGIH: A4 - Not classifiable as a human carcinogen (highly & severely refined); A2 - Suspected human carcinogen (poorly & mildly refined)

12. ECOLOGICAL INFORMATION

No ecological information is available for this product.

13. DISPOSAL CONSIDERATIONS

Component Waste Numbers:	No EPA Waste Numbers are applicable for this product's components.
Disposal Instructions:	All wastes must be handled in accordance with local, state and federal regulations. See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.
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):	Not Regulated
IATA Status (Air):	N/D
Marine Pollutant:	No

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15. REGULATORY INFORMATION

SARA HAZARD: None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State: The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Paraffin oils	8012-95-1	Yes	Yes	Yes	Yes	Yes	No

WHMIS: The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

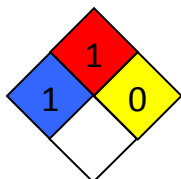
Component	CAS #	Minimum Concentration
Paraffin oils	8012-95-1	1 %

16. OTHER INFORMATION

HMIS Hazard Rating

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	X

NFPA Rating



Last Updated: November 24, 2014

Date Prepared: March 5, 2014

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.