

## Safety Data Sheet (SDS)

### SolarClear HD™ – Heavy-Duty No-Rinse Solar Panel Cleaner

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#### SECTION 1 – PRODUCT IDENTIFICATION

- **Product Name:** SolarClear HD™
  - **Product Use:** Heavy-duty no-rinse solar panel and glass cleaner for drone, rig, or water-fed pole application
  - **Manufacturer:**  
WPT Chemical Corporation  
630 W. Prien Lake Road, Ste B162  
Lake Charles, LA 70601  
Phone: 337-244-4100
  - **Emergency Contact (24/7):** CHEMTREC – 1-800-424-9300
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#### SECTION 2 – HAZARD IDENTIFICATION

##### GHS Classification (Concentrate):

- Eye Irritation – Category 2B
- Skin Irritation – Category 2
- Acute Toxicity – Not classified

**Signal Word:** *Warning*

**Symbols:** 

##### Hazard Statements:

- Causes eye and skin irritation
- May be harmful if swallowed in large amounts

##### Precautionary Statements:

- Avoid contact with eyes and skin
- Wear protective gloves and goggles during handling
- Wash hands thoroughly after use

- IF IN EYES: Rinse cautiously with water for several minutes
- IF ON SKIN: Wash with soap and water
- IF INGESTED: Rinse mouth. Seek medical advice if symptoms occur

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## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component Description	CAS No.	% w/w	Classification
Proprietary blend of biodegradable surfactants, solvents, acids, chelators, and film-reduction agents	Proprietary	<100%	Eye Irrit. 2B, Skin Irrit. 2

**Note:** Specific ingredient identities are considered trade secrets in accordance with 29 CFR 1910.1200(i). No components exceed OSHA or WHMIS disclosure thresholds.

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## SECTION 4 – FIRST AID MEASURES

- **Eye Contact:** Rinse with clean water for at least 15 minutes. Seek medical attention if symptoms persist.
- **Skin Contact:** Wash with soap and water. Remove contaminated clothing.
- **Inhalation:** Move to fresh air. Get medical help if discomfort continues.
- **Ingestion:** Do not induce vomiting. Rinse mouth with water and consult a physician if large quantity ingested.

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## SECTION 5 – FIRE FIGHTING MEASURES

- **Flash Point:** >90°C (non-flammable aqueous blend)
  - **Suitable Extinguishing Media:** CO<sub>2</sub>, dry chemical, water mist, foam
  - **Hazardous Combustion Products:** Carbon dioxide, carbon monoxide, minor organic vapors
  - **Firefighting PPE:** Wear standard protective gear and SCBA
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## SECTION 6 – ACCIDENTAL RELEASE MEASURES

- Use protective equipment to avoid skin and eye exposure
  - Contain and absorb with inert material (e.g., sand, vermiculite)
  - Avoid discharge into drains or waterways
  - Dispose of cleanup materials per local regulations
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## SECTION 7 – HANDLING AND STORAGE

- Avoid skin and eye contact
  - Store in sealed, labeled containers away from incompatible substances
  - Keep from freezing and protect from direct sunlight
  - Do not mix with strong acids, alkalis, or oxidizers
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## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Occupational Exposure Limits:** Not established for proprietary blend
  - **Eye Protection:** Chemical splash goggles or face shield
  - **Skin Protection:** Chemical-resistant gloves if repeated contact expected
  - **Respiratory Protection:** Not typically required; use with adequate ventilation
  - **Hygiene Measures:** Wash thoroughly after use and before eating or drinking
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## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Clear to light amber liquid
Odor	Mild, clean
pH	3.8 – 4.0
Melting Point	~ -2°C (28°F)

Property	Value
Boiling Point	≥100°C (212°F)
Flash Point	>90°C
Specific Gravity	8.80 lb/gal (1.06)
VOC Content	Negligible
Solubility in Water	100% soluble

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## SECTION 10 – STABILITY AND REACTIVITY

- **Stability:** Stable under normal storage and use conditions
- **Incompatible Materials:** Strong oxidizers, reducing agents, alkalis
- **Hazardous Decomposition Products:** CO<sub>2</sub>, CO, aldehydes upon combustion
- **Reactivity:** Not reactive under normal use

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## SECTION 11 – TOXICOLOGICAL INFORMATION

- **Acute Oral Toxicity:** LD<sub>50</sub> > 5000 mg/kg (estimated)
- **Skin Irritation:** Possible with prolonged or repeated contact
- **Eye Irritation:** Moderate irritation possible
- **Sensitization:** Not expected
- **Carcinogenicity:** No listed carcinogens present
- **Chronic Effects:** Not anticipated under recommended use

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## SECTION 12 – ECOLOGICAL INFORMATION

- **Ecotoxicity:** Low aquatic toxicity expected at use dilution
- **Biodegradability:** Components are readily biodegradable
- **Bioaccumulation Potential:** Low

- **Mobility in Soil:** High (water soluble)
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### SECTION 13 – DISPOSAL CONSIDERATIONS

- Dispose of contents and container in accordance with local regulations
  - Do not discharge into drains or environment
  - Triple rinse containers prior to recycling or disposal
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### SECTION 14 – TRANSPORT INFORMATION

- **DOT Status:** Not regulated
  - **Proper Shipping Name:** Cleaning solution, non-hazardous
  - **UN Number:** Not applicable
  - **Marine Pollutant:** No
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### SECTION 15 – REGULATORY INFORMATION

- **TSCA:** All components listed or exempt
  - **SARA 311/312:** Not subject to reporting
  - **SARA 313:** Not applicable
  - **California Prop 65:** Does not contain listed substances
  - **Canadian DSL:** All ingredients are listed
  - **WHMIS:** Not regulated
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### SECTION 16 – OTHER INFORMATION

- **SDS Revision Date:** July 30, 2025
- **Prepared By:** WPT Chemical Corporation – Regulatory Affairs

#### **DISCLAIMER:**

The information presented here is believed to be accurate as of the revision date, but no warranty is expressed or implied. It is the responsibility of the user to determine the

product's suitability for its intended use and to comply with all applicable laws and regulations.