

# Safety Data Sheet

Issue Date: 12-Feb-2025

Revision Date: 05-Feb-2026

Version 2

## 1. IDENTIFICATION

### Product identifier

**Product Name** Pyroxlt HL

### Other means of identification

**EPA REG NO.** 66222-315-1381

**UN/ID No** UN3082

### Recommended use of the chemical and restrictions on use

**Recommended Use** Herbicide. Professional use.

### Details of the supplier of the safety data sheet

#### **Distributor Address**

Winfield Solutions, LLC  
P.O. Box 64589  
St. Paul, MN 55164  
1-855-494-6343 (Mon-Fri 8AM-5PM CST)

#### Emergency telephone number

**Emergency Telephone** FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL:  
CHEMTREC: 1-800-424-9300 (24 Hours)  
For Medical Emergencies, call 1-877-424-7452 (24 Hours)

## 2. HAZARDS IDENTIFICATION

**Appearance** White opaque liquid

**Physical state** Liquid

**Odor** None

### Classification

|                                                    |            |
|----------------------------------------------------|------------|
| Skin sensitization                                 | Category 1 |
| Specific target organ toxicity (repeated exposure) | Category 1 |

### Signal word

**Danger**

### Hazard statements

May cause an allergic skin reaction  
Causes damage to organs through prolonged or repeated exposure



### Precautionary Statements - Prevention

Contaminated work clothing must not be allowed out of the workplace  
Wear protective gloves  
Do not breathe dust/fume/gas/mist/vapors/spray  
Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product

**Precautionary Statements - Response**

Get medical advice/attention if you feel unwell  
IF ON SKIN: Wash with plenty of water and soap  
If skin irritation or rash occurs: Get medical advice/attention  
Wash contaminated clothing before reuse

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other hazards**

Very toxic to aquatic life with long lasting effects

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical name                             | CAS No.     | Weight-% |
|-------------------------------------------|-------------|----------|
| Pyroxasulfone                             | 447399-55-5 | 60-80    |
| 2-Ethyl Hexanol EO-PO Nonionic Surfactant | 64366-70-7  | 1-5      |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

**4. FIRST AID MEASURES****Description of first aid measures**

|                       |                                                                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General Advice</b> | In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). First aider: Pay attention to self-protection.   |
| <b>Eye Contact</b>    | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If symptoms persist, call a physician. |
| <b>Skin Contact</b>   | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Consult a physician if necessary.                                         |
| <b>Inhalation</b>     | Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician.                                                                 |
| <b>Ingestion</b>      | Rinse mouth. Drink plenty of water. If symptoms persist, call a physician.                                                                                                      |

**Most important symptoms and effects, both acute and delayed**

|                 |                                                                                                      |
|-----------------|------------------------------------------------------------------------------------------------------|
| <b>Symptoms</b> | May cause an allergic skin reaction. Causes damage to organs through prolonged or repeated exposure. |
|-----------------|------------------------------------------------------------------------------------------------------|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Do not scatter spilled material with high pressure water streams.

**Specific Hazards Arising from the Chemical**

Product is or contains a sensitizer. May cause sensitization by skin contact.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures****Personal Precautions**

Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

**Environmental precautions****Environmental precautions**

See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up****Methods for Containment**

Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up**

Keep in suitable, closed containers for disposal.

**Prevention of Secondary Hazards**

Clean contaminated objects and areas thoroughly observing environmental regulations.

**7. HANDLING AND STORAGE****Precautions for safe handling****Advice on Safe Handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, especially in confined areas. Do not eat, drink or smoke when using this product. Take off all contaminated clothing and wash before reuse.

**Conditions for safe storage, including any incompatibilities****Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep locked up and out of reach of children.

**Incompatible Materials**

None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Appropriate engineering controls****Engineering Controls**

Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment**

|                                       |                                                                                                                                             |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye/Face Protection</b>            | Wear safety glasses with side shields (or goggles). Refer to 29 CFR 1910.133 for eye and face protection regulations.                       |
| <b>Skin and Body Protection</b>       | Wear protective gloves and protective clothing. Refer to 29 CFR 1910.138 for appropriate skin and body protection.                          |
| <b>Respiratory Protection</b>         | In case of insufficient ventilation, wear suitable respiratory equipment. Refer to 29 CFR 1910.134 for respiratory protection requirements. |
| <b>General Hygiene Considerations</b> | Handle in accordance with good industrial hygiene and safety practice.                                                                      |

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

|                                         |                        |                                |                |
|-----------------------------------------|------------------------|--------------------------------|----------------|
| <b>Physical state</b>                   | Liquid                 | <b>Odor</b>                    | None           |
| <b>Appearance</b>                       | White opaque liquid    | <b>Odor Threshold</b>          | Not determined |
| <b>Color</b>                            | White                  |                                |                |
| <b><u>Property</u></b>                  | <b><u>Values</u></b>   | <b><u>Remarks • Method</u></b> |                |
| pH                                      | 7.3-8.3                | CIPAC MT 75.3                  |                |
| Melting point / freezing point          | No data available      |                                |                |
| Initial boiling point and boiling range | No data available      |                                |                |
| Flash point                             | > 120 °C / 248 °F      | EC A.9                         |                |
| Evaporation rate                        | Not determined         |                                |                |
| Flammability (Solid, Gas)               | Not determined         |                                |                |
| Flammability Limit in Air               |                        |                                |                |
| Upper flammability or explosive limits  | No data available      |                                |                |
| Lower flammability or explosive limits  | No data available      |                                |                |
| Vapor Pressure                          | Not determined         |                                |                |
| Relative vapor density                  | No data available      |                                |                |
| Relative Density                        | 1.2-1.4                | OECD 109                       |                |
| Water Solubility                        | Not determined         |                                |                |
| Solubility in other solvents            | Not determined         |                                |                |
| Partition Coefficient                   | Not determined         |                                |                |
| Autoignition temperature                | No data available      |                                |                |
| Decomposition temperature               | Not determined         |                                |                |
| Kinematic viscosity                     | 313 mm <sup>2</sup> /s | OECD 114 @ 40° C (104° F)      |                |
| Dynamic viscosity                       | Not determined         |                                |                |
| Explosive Properties                    | Not determined         |                                |                |
| Oxidizing Properties                    | Not determined         |                                |                |

**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to Avoid**

Keep out of reach of children.

**Incompatible materials**

None known based on information supplied.

**Hazardous decomposition products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

|                     |                          |
|---------------------|--------------------------|
| <b>Eye Contact</b>  | Avoid contact with eyes. |
| <b>Skin Contact</b> | Avoid contact with skin. |
| <b>Inhalation</b>   | Do not inhale.           |
| <b>Ingestion</b>    | Do not ingest.           |

**Component Information**

Not available

**Symptoms related to the physical, chemical and toxicological characteristics**

|                 |                                                |
|-----------------|------------------------------------------------|
| <b>Symptoms</b> | Please see section 4 of this SDS for symptoms. |
|-----------------|------------------------------------------------|

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|                                 |                                                                                                                                           |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sensitization</b>            | May cause an allergic skin reaction.                                                                                                      |
| <b>Carcinogenicity</b>          | Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP. |
| <b>STOT - repeated exposure</b> | Causes damage to organs through prolonged or repeated exposure.                                                                           |

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

|                                      |             |
|--------------------------------------|-------------|
| <b>ATEmix (oral)</b>                 | >2000 mg/kg |
| <b>ATEmix (dermal)</b>               | >2000 mg/kg |
| <b>ATEmix (inhalation-dust/mist)</b> | >2.81 mg/l  |

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Very toxic to aquatic life with long lasting effects.

### Component Information

Acute Toxicity:

Fish 96-hour LC50 mg/l : 3.56 Cyprinus carpio OECD 203 Static

Crustacea 48-hour EC50 mg/l : 5.70 Daphnia magna OECD 202 Static

Algae 72-hour EC50 mg/l : 0.00053 D. Subspicatus OECD 201 Growth rate

Terrestrial Toxicity

Birds Oral LD50 mg/kg: >2250

Bees Oral LD50 µg/bee: >100

Abiotic Degradation

Water DT50 days: 48-51.6

Soil DT50 days: 145-506

Log Pow: 2.28 (OECD 117 25° C)

Adsorption/Desorption: 54.9-118.8 (KOC)

### Persistence/Degradability

Not determined.

### Bioaccumulation

There is no data for this product.

### Mobility

Not determined

### Other adverse effects

Not determined

## 13. DISPOSAL CONSIDERATIONS

### Disposal methods

#### **Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

**UN/ID No** UN3082  
**Proper Shipping Name** Environmentally hazardous substance, liquid, n.o.s. (Pyroxasulfone)  
**Transport hazard class(es)** 9  
**Packing Group** III  
**Marine Pollutant** This material ships as a marine pollutant when single container exceeds 119 gal/ 882 lbs

**IATA**

**UN number or ID number** UN3082  
**Proper Shipping Name** Environmentally hazardous substance, liquid, n.o.s. (Pyroxasulfone)  
**Transport hazard class(es)** 9  
**Packing group** III  
**ERG Code** 9L  
**Special Provisions** A97, A158, A197  
**Marine Pollutant** This material ships as a marine pollutant when inner packagings exceed 5L/5KG

**IMDG**

**UN number or ID number** UN3082  
**Proper Shipping Name** Environmentally hazardous substance, liquid, n.o.s. (Pyroxasulfone)  
**Transport hazard class(es)** 9  
**Packing Group** III  
**EmS-No** F-A, S-F  
**Special Provisions** 274, 335, 969  
**Marine Pollutant** This material ships as a marine pollutant when inner packagings exceed 5L/5KG

## 15. REGULATORY INFORMATION

**International Inventories**

| Chemical name                             | TSCA | TSCA Inventory Status | DSL/NDSL | EINECS/ELINCS | ENCS | IECSC | KECL | PICCS | AIIC |
|-------------------------------------------|------|-----------------------|----------|---------------|------|-------|------|-------|------|
| Pyroxasulfone                             | X    |                       |          |               |      |       |      |       |      |
| 2-Ethyl Hexanol EO-PO Nonionic Surfactant | X    | ACTIVE                | X        |               |      | X     | X    |       | X    |

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing Chemicals Inventory  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AIIC** - Australian Inventory of Chemical Substances

**US Federal Regulations****CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level

pertaining to releases of this material

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

**16. OTHER INFORMATION****NFPA****Health hazards**

-

**Flammability**

-

**Instability**

-

**Special hazards**

-

**HMIS****Health hazards**

-

**Flammability**

-

**Physical hazards**

-

**Personal Protection**

Not determined

**Issue Date:**

12-Feb-2025

**Revision Date:**

05-Feb-2026

**Revision Note:**

Transport update

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**