

# SAFETY DATA SHEET



## 1. Identification

**Covestro LLC**  
**1 Covestro Circle**  
**Pittsburgh, PA 15205**  
**USA**

### TRANSPORTATION EMERGENCY

CALL CHEMTREC: (800) 424-9300  
INTERNATIONAL: (703) 527-3887

### NON-TRANSPORTATION

Emergency Phone: Call Chemtrec  
Information Phone: (844) 646-0545

**Product Name:** MULTRANOL 9138  
**Material Number:** 05212871  
**Use:** Polyol components for the production of polyurethanes

## 2. Hazards Identification

### GHS Classification

Eye irritation: Category 2A

### GHS Label Elements

Hazard pictograms:



Signal word: Warning

Hazard statements: Causes serious eye irritation.

Precautionary statements:

#### Prevention:

Wash skin and face thoroughly after handling.

Wear eye and face protection.

#### Response:

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 attention.

## 3. Composition/Information on Ingredients

### Hazardous Components

Material Name: MULTRANOL 9138

Material Number: 05212871

<b><u>Concentration</u></b>	<b><u>Components</u></b>	<b><u>CAS-No.</u></b>
95 - 100%	Polyether Polyol	35176-07-9

#### 4. First Aid Measures

##### **Most Important Symptom(s)/Effect(s)**

**Acute:** May cause eye irritation with symptoms of reddening, tearing, stinging, and swelling.

##### **Eye Contact**

In case of contact, flush eyes with plenty of lukewarm water. Get medical attention if irritation develops.

##### **Skin Contact**

In case of skin contact, wash affected areas with soap and water. Immediately remove contaminated clothing and shoes. Get medical attention if irritation develops.

##### **Inhalation**

If inhaled, remove to fresh air. Get medical attention if irritation develops.

##### **Ingestion**

If ingested, do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

#### 5. Firefighting Measures

**Suitable Extinguishing Media:** Carbon dioxide (CO<sub>2</sub>), Dry chemical, Foam, water spray for large fires.

**Unsuitable Extinguishing Media** No Data Available

##### **Fire Fighting Procedure**

Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes. Use cold water spray to cool fire-exposed containers to minimize the risk of rupture.

##### **Hazardous Decomposition Products**

By Fire: Carbon DioxideCarbon Monoxide other aliphatic fragments which have not been determined

#### 6. Accidental Release Measures

##### **Spill and Leak Procedures**

Cover spill with inert material (e. g., dry sand or earth) and collect for proper disposal. Use appropriate personal protective equipment during clean up. Evacuate and keep unnecessary people out of spill area.

#### 7. Handling and Storage

##### **Handling/Storage Precautions**

Handle in accordance with good industrial hygiene and safety practices. Wash thoroughly after handling. Keep container closed when not in use. Material is hygroscopic and may absorb small amounts of atmospheric moisture. If contamination with isocyanates is suspected, do not reseal containers. Avoid

Material Name: MULTRANOL 9138

Material Number: 05212871

breathing dust, vapor, or mist. Avoid contact with eyes. Avoid contact with skin or clothing.

**Storage Temperature**

**Maximum:** 49 °C (120.2 °F)

**Storage Conditions**

Store separate from food products.

Employee education and training in the safe use and handling of this product are required under the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**Substances to Avoid**

Oxidizing agents, Isocyanates

## **8. Exposure Controls/Personal Protection**

The recommendations in this section should not be a substitute for a personal protective equipment (PPE) assessment performed by the employer as required by 29 CFR 1910 Subpart I.

**Exposure Limits**

Country specific exposure limits have not been established or are not applicable

Any component which is listed in section 3 and is not listed in this section does not have a known ACGIH TLV, OSHA PEL or supplier recommended occupational exposure limit.

**Industrial Hygiene/Ventilation Measures**

Use local and general exhaust ventilation to control levels of exposure.

**Respiratory Protection**

Respiratory protection is recommended in insufficiently ventilated working areas and during heating or spraying. For components with occupational exposure limits, when workers are facing concentrations above those limits, they must use appropriate certified respirators.

**Hand Protection**

Ensure gloves remain in good condition during use and replace if any deterioration is observed.

Permeation resistant gloves.

**Eye Protection**

Chemical safety goggles or safety glasses with side-shields.

**Skin Protection**

Wear cloth work clothing including long pants and long-sleeved shirts.

**Additional Protective Measures**

Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product.

## **9. Physical and Chemical Properties**

<b>State of Matter:</b>	liquid
<b>Color:</b>	Pale yellow
<b>Odor:</b>	slight
<b>Odor Threshold:</b>	No Data Available
<b>pH:</b>	10.5
<b>Freezing Point:</b>	No Data Available
<b>Setting Point:</b>	No Data Available
<b>Melting Point:</b>	No Data Available
<b>Boiling Point:</b>	No Data Available
<b>Flash Point:</b>	160 °C (320 °F)
<b>Evaporation Rate:</b>	No Data Available
<b>Lower explosion limit:</b>	No Data Available
<b>Upper Explosion Limit:</b>	No Data Available
<b>Vapor Pressure:</b>	No Data Available
<b>Vapor Density:</b>	No Data Available
<b>Density:</b>	1.04 g/cm <sup>3</sup> @ 20 °C (68 °F)
<b>Relative Vapor Density:</b>	No Data Available
<b>Specific Gravity:</b>	1.03 @ 25 °C (77 °F)
<b>Solubility in Water:</b>	completely soluble
<b>Partition Coefficient: n-octanol/water:</b>	No Data Available
<b>Auto-ignition Temperature:</b>	No Data Available
<b>Decomposition Temperature:</b>	Not established
<b>Dynamic Viscosity:</b>	640 - 930 mPa.s @ 25 °C (77 °F)
<b>Kinematic Viscosity:</b>	No Data Available
<b>Bulk Density:</b>	1,031 kg/m <sup>3</sup>

## 10. Stability and Reactivity

### Hazardous Reactions

Hazardous polymerisation does not occur.

### Stability

Stable

### Materials to Avoid

Oxidizing agents, Isocyanates

### Conditions to Avoid

Avoid heat, flames, sparks and other sources of ignition.

### Hazardous Decomposition Products

By Fire: Carbon Dioxide; Carbon Monoxide; other aliphatic fragments which have not been determined

## 11. Toxicological Information

### Likely Routes of Exposure:

Skin Contact  
Eye Contact

### Health Effects and Symptoms

**Acute:** May cause eye irritation with symptoms of reddening, tearing, stinging, and swelling.

### Toxicity Data for: MULTRANOL 9138

**Skin Irritation**

In vitro test system, OECD Test Guideline 439, non-irritant

In vitro test system, OECD Test Guideline 431, Not corrosive

**Eye Irritation**

In vitro test system, OECD Test Guideline 437, negative

In vitro test system, OECD Test Guideline 492, positive

**Toxicity Data for: Polyether Polyol****Skin Irritation**

In vitro test system, OECD Test Guideline 439, non-irritant

In vitro test system, OECD Test Guideline 431, Not corrosive

**Eye Irritation**

In vitro test system, OECD Test Guideline 437, negative

In vitro test system, OECD Test Guideline 492, positive

**Carcinogenicity:**

No carcinogenic substances as defined by IARC, NTP and/or OSHA

**12. Ecological Information****Ecological Data for Polyether Polyol****Additional Ecotoxicological Remarks**

No data available for this component.

**13. Disposal Considerations****Waste Disposal Method**

Waste disposal should be in accordance with existing federal, state and local environmental control laws.

**Empty Container Precautions**

Recondition or dispose of empty container in accordance with governmental regulations.

**14. Transportation Information****15. Regulatory Information****United States Federal Regulations**

**US. Toxic Substances Control Act:** Listed on the Active Portion of the TSCA Inventory.

No substances are subject to TSCA 12(b) export notification requirements.

**US. EPA CERCLA Hazardous Substances (40 CFR 302) Components:**

None

**SARA Section 311/312 Hazard Categories:**

Refer to hazard classification information in Section 2.

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A) Components:**

None

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required Components:**

None

**US. EPA Resource Conservation and Recovery Act (RCRA) Composite List of Hazardous Wastes and Appendix VIII Hazardous Constituents (40 CFR 261):**

Under RCRA, it is the responsibility of the person who generates a solid waste, as defined in 40 CFR 261.2, to determine if that waste is a hazardous waste.

**State Right-To-Know Information**

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

**Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists:**

**Concentration**

**Components**

**CAS-No.**

>=1%

Polyether Polyol

35176-07-9

**California Proposition 65 List:**

None.

**CFATS (Chemical Facility Anti-Terrorism Standards) Chemicals**

To the best of our knowledge, this product does not contain Appendix A Chemicals of Interest (COI), at or above the Screening Threshold Quantity (STQ), as defined by the Department of Homeland Security Chemical Facility Anti-terrorism Standard (CFATS, 6 CFR Part 27).

Based on information provided by our suppliers, this product is considered "DRC Conflict Free" as defined by the SEC Conflict Minerals Final Rule (Release No. 34-67716; File No. S7-40-10; Date: 2012-08-22).

**16. Other Information**

The method of hazard communication for Covestro LLC is comprised of product labels and safety data sheets. Safety data sheets for all of our products and general product declarations are available for download at [www.productsafetyfirst.covestro.com](http://www.productsafetyfirst.covestro.com).

Contact: Product Safety Department  
Telephone: (412) 413-2835  
Version Date: 03/06/2020  
SDS Version: 2.7

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|| Changes since the last version are highlighted in the margin. This version replaces all previous versions.