

**MATERIAL SAFETY DATA SHEET**

PRODUCT # **UR-2139 A**

**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Supplier name: American Chemical, Inc.  
Address: 2201 North 2nd Street  
Minneapolis, MN 55411  
Phone: (612) 374-1767  
Product Name: UR-2139 A  
Product Description: Polyol

**SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS**

Unlisted ingredients are not 'hazardous' per the Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200) and/or are not found on the Canadian Workplace Hazardous Materials Information Systems ingredient disclosure list. See Section 8 for any additional exposure limit guidelines.

Chemical Name	CAS #	Percent	OSHA PEL
Castor Oil	8001-79-4	70 – 100	TWA * Mist 5 MG/M3
Wax, castor	8001-78-3	5 – 10	TWA * Fume 2 MG/M3

\*These exposure limits are for mineral oil mist, a related material. \*These exposure limits are for paraffin wax fume, a related material.

**SECTION 3 – HAZARDS IDENTIFICATION**

Emergency Overview:  
HMIS Rating: Health – 0 Flammability – 1 Reactivity – 0  
See Section 8: Exposure controls/personal protection for personal protective equipment recommendations.

Potential Health Effects by Route Entry:  
Eye: Mild eye irritant  
Skin: Mild skin irritant  
Inhalation: Can cause minor respiratory irritation.  
Ingestion: Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract.

Long Term Health Effects Target Organs(s): No organs known to be damaged from exposure to this product.  
Regulated Carcinogen Status: Unless noted below, this product does not contain regulated levels of NTP, IARC, ACGIH, or OSHA listed carcinogens.  
Existing Health Conditions Affected by Exposure: No medical conditions affected by exposure.

**SECTION 4 – FIRST AID MEASURES**

If in Eyes: None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard.  
If on Skin: Wash with soap and water.  
If Vapors Inhaled: Remove to fresh air. Call a physician if symptoms persist.  
If Swallowed: No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

**SECTION 5 – FIRST FIGHTING MEASURES**

Flash Point/Method: > 204 C (400 F) Cleveland Closed Cup  
Auto Ignition Temperature: Not established  
Lower Explosive Limit (% in air): Not established  
Upper Explosive Limit (% in air): Not established

Extinguishers Media:	Use water spray, foam, dry chemical or carbon dioxide
Unusual Fire and Explosion Hazards:	Material will burn in a fire
Special Fire Fighting Instructions:	Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.
Hazardous Combustion Products:	Carbon dioxide, Carbon monoxide

<b>SECTION 6 – ACCIDENTAL RELEASE MEASURES</b>
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Special Protection:	No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section 8 of this MSDS.
Clean-Up:	Dike if necessary, contain spill with inert absorbent and transfer to containers for disposal. Keep spilled product out of sewers, watersheds, or water systems.
Transport Emergency Phone Number (CHEMTREC):	1-800-424-9300

<b>SECTION 7 – HANDLING AND STORAGE</b>
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Handling:	No special handling instructions due to toxicity.
Storage:	Store in a cool, dry place.
Consult the Technical Data Sheet for specific storage instructions.	

<b>SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION</b>
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Eye Protection:	Wear safety glasses when handling this product.	
Skin Protection:	Not normally required. Wear chemically resistant gloves to prevent prolonged or repeated contact.	
Gloves:	Not normally required. Use nitrile gloves if conditions warrant.	
Respiratory Protection:	Respiratory protection may be required to avoid overexposure when not available or sufficient to eliminate symptoms. Respirators should be selected by and used following requirements found in OSHA's respirator standard (29CFR 1910.134).	
Ventilation:	Use local exhaust ventilation or other engineering controls to minimize exposures.	
Exposure Limits:		
Chemical Name	ACGIH Exposure Limits	AIHA WEEL
Castor oil	TWA *Mist 5 MG/M3	Not established
	STEL *Mist 5 MG/M3	
Wax Castor	TWA *Fume 2 MG/M3	Not established
*These exposure limits are for mineral oil mist, a related material. *These exposure limits are for paraffin wax fume, a related material.		

<b>SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES</b>
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Physical State:	Semi-solid
Color:	Colorless
Odor:	Mild Neutral
Odor Threshold:	Not established
Weight per Gallon (lbs.):	8.00
Specific Gravity:	0.96
Solids (% by weight):	100.0
pH:	Not established
Boiling Point (deg. C):	Not established
Freezing/Melting Point (deg. C):	Not established
Vapor Pressure (mm Hg):	Not established
Vapor Density:	Not established
Evaporation Rate:	Not established
Octanol/Water Coefficient:	Not established

<b>SECTION 10 - STABILITY AND REACTIVITY</b>
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Stability:	Stable under normal conditions
Chemical Incompatibility:	Not established
Hazardous Polymerization:	Will not occur
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide

**SECTION 11 – TOXICOLOGICAL INFORMATION**

Chemical Name	LD50/LC50
Castor Oil	Not established
Wax, Castor	Oral LS50 Rat > 10 g/kg
Toxicology Summary:	No additional health information available

**SECTION 12 – ECOLOGICAL INFORMATION**

Overview: No ecological information available

**SECTION 13 – DISPOSAL CONSIDERATIONS**

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulation 40 CFR 261. Dispose of in an approved landfill. Consult your state, local or provincial authorities and your local waste vendor for more restrictive requirements.

**SECTION 14 – TRANSPORTATION INFORMATION**

Consult Bill of Lading for transportation information

DOT:	Not regulated
IATA:	Not regulated

**SECTION 15 – REGULATORY INFORMATION**

Inventory Status:	
U.S. EPA TSCA:	This product is in compliance with the Toxic Substances Control Act's Inventory requirements.
Canadian CEPA DSL:	This product is in compliance with the Canadian Domestic Substance List requirements.
European EINECS:	This product is in compliance with the European Inventory of Notified and Existing Chemical Substances requirements.
Australia AICS:	This product is in compliance with the Australian Inventory of Chemical Substances requirements.
Japan ENCS:	This product is in compliance with the Japanese Existing and New Chemical Substances requirements.
Korean TCCL:	This product is in compliance with the Korean Existing Chemicals List requirements

If you need more information about the inventory status of this product call 651-236-5858

**Federal Reporting**

**EPA SARA Title III Section 313**

Unless listed below, this product does not contain toxic chemical(s) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 72. EPA has advised that when a percentage range is listed the midpoint may be used to fulfill reporting obligations.

WHMIS Status:	Unless listed below, this product is not controlled under the Canadian Workplace Hazardous Material Information Systems.
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State Reporting:	this MSDS is not prepared for distribution in California
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**SECTION 16 – OTHER INFORMATION**

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information Systems (WHMIS).