

## Offer Sheet

Product	Hexyl CELLOSOLVE™ (2-hexoxyethanol)
Quantity	80 x 55 gal drums
Approximate weight	32, 107 lbs.
Manufacture date	See chart below
Availability	One time
Location	Cambridge, OH 43725
Date	4/16/25
COA & SDS	Attached below



Hexyl CELLOSOLVE™ (2-hexoxyethanol) is widely used as a solvent and coalescing agent in paints, varnishes, lacquers, and waterborne coatings to improve flow, film formation, and application properties.

- It is also a key ingredient in specialty printing inks, including flexographic, gravure, and silk-screen inks, where it helps dissolve and disperse pigments and resins while preventing premature setting.
- Hexyl CELLOSOLVE is utilized in electronics for cleaning components and circuit boards. Other applications include its use in floor polishes, waxes, wood stains, concrete sealers, lubricants, anti-freeze products, air fresheners, and as a coupling agent in various formulations.

Its high boiling point, slow evaporation rate, excellent solvency for both water-soluble and oily substances, biodegradability, and chemical stability make Hexyl CELLOSOLVE a valuable solvent across a broad range of industries.

Pounds	Status	Date of Mfg	Exp Date	QTY	Packaging
6,496	Unopened	7/17/2021	7/17/2022	13	drums
8,120	Unopened	7/1/2021	6/23/2022	17	drums
3,248	Unopened	8/31/2021	8/31/2022	7	drums
8,120	Unopened	7/1/2021	6/23/2023	17	drums
1,624	Unopened	8/31/2022	8/31/2023	4	drums
2,863	Unopened	?	7/1/2022	6	drums
1,227	Unopened	?	7/1/2022	3	drums
409	Unopened	?	7/1/2022	1	drums

If interested, please call or text:

**Brian Svrusis**  
Solvent Systems International  
70 King St.  
Elk Grove Village, IL 60007  
847-323-6718 call or text  
Click here for: [Surplus Inventory](#)  
[Solvent-Systems.com](http://Solvent-Systems.com)



Alliance Technical Group - Akron  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# Analytical Report

(base report)

WO#: **25030284**

Date Reported: **4/2/2025**

**CLIENT:**  
**Matrix:** NON-POTABLE WATER  
**Lab ID:** 25030284-001A  
**Project:** Hexyl Cellusolve  
**Client Sample ID** Hexyl Cellusolve/Glycol ether

**Tag Number:**  
**Collection Date:** 3/5/2025

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>DENSITY CALCULATION (D-4052)</b>				<b>ASTM-D4052</b>		Analyst: <b>JA</b>
Density	7.420	0		lb/gal@60°F	1	3/10/2025 2:22:03 PM
<b>% WATER FROM KARL FISHER COULORMETER (D-6304)</b>				<b>ASTM-D6304</b>		Analyst: <b>JA</b>
Water	0.0720	0.0100		wt%	1	3/10/2025 2:35:53 PM
<b>CALCULATED ANALYTES FROM WET CHEMISTRY</b>				<b>WC-CALC</b>		Analyst: <b>CXS</b>
Hexyl Cellusolve	>95	0		%	1	4/2/2025 7:59:48 AM

**NOTES:**

Results based on sample specific gravity and water content, and assumption that sample is Hexyl Cellusolve.

<b>Qualifiers:</b>	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
	ND	Not Detected	PL	Permit Limit
	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as specified at testcode



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## QC SUMMARY REPORT

WO#: 25030284

02-Apr-25

**Client:**

**Project:** Hexyl Cellusolve

**BatchID:** R204627

Sample ID: <b>LCS-R204627</b>	SampType: <b>LCS</b>	TestCode: <b>PctWater_Oil</b>	Units: <b>wt%</b>	Prep Date:	RunNo: <b>204627</b>						
Client ID: <b>BatchQC</b>	Batch ID: <b>R204627</b>	TestNo: <b>ASTM-D6304</b>	Analysis Date: <b>3/10/2025</b>	SeqNo: <b>5483974</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Water	2.19	0.0100	2.000	0	110	90	110				

Sample ID: <b>LCSD-R204627</b>	SampType: <b>LCSD</b>	TestCode: <b>PctWater_Oil</b>	Units: <b>wt%</b>	Prep Date:	RunNo: <b>204627</b>						
Client ID: <b>BatchQC</b>	Batch ID: <b>R204627</b>	TestNo: <b>ASTM-D6304</b>	Analysis Date: <b>3/10/2025</b>	SeqNo: <b>5483975</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Water	2.14	0.0100	2.000	0	107	90	110	2.190	2.31	20	

**Qualifiers:** H Holding times for preparation or analysis exceeded M Manual Integration used to determine area response ND Not Detected  
 PL Permit Limit RL Reporting Detection Limit W Sample container temperature is out of limit as spec



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# DATES REPORT

WO#: **25030284**  
**02-Apr-25**

**Client:**  
**Project:** Hexyl Cellusolve



Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
25030284-001A	Hexyl Cellusolve/Glycol ether	3/5/2025	Non-Potable Water	% Water from Karl Fisher Coulormeter (6304)			3/10/2025 2:35:53 PM
				Calculated Analytes from Wet Chemist			4/2/2025 7:59:48 AM
				Density Calculation (D-4052)			3/10/2025 2:22:03 PM
				Organic Constituents			3/27/2025 2:30:00 PM
				Organic Constituents			3/27/2025 2:30:00 PM
				Organic Constituents			3/24/2025 3:22:00 PM
				Organic Constituents			3/24/2025 3:22:00 PM

Original

Client Name: AMB-OH-44224

Work Order Number: 25030284

RcptNo: 1

Logged by:	Anthony W. Britton	3/5/2025 11:07:00 AM	
Completed By:	Anthony W. Britton	3/5/2025 4:40:55 PM	
Reviewed By:			

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present
2. How was the sample delivered? UPS

**Log In**

3. Coolers are present? Yes  No  NA
4. Shipping container/cooler in good condition? Yes  No
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- No. Seal Date: Signed By:
5. Was an attempt made to cool the samples? Yes  No  NA
6. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
7. Sample(s) in proper container(s)? Yes  No
8. Sufficient sample volume for indicated test(s)? Yes  No
9. Are samples (except VOA and ONG) properly preserved? Yes  No
10. Was preservative added to bottles? Yes  No  NA
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes  No  No VOA Vials
12. Were any sample containers received broken? Yes  No
13. Does paperwork match bottle labels? Yes  No   
(Note discrepancies on chain of custody)
14. Are matrices correctly identified on Chain of Custody? Yes  No
15. Is it clear what analyses were requested? Yes  No
16. Were all holding times able to be met? Yes  No   
(If no, notify customer for authorization.)

**Special Handling (if applicable)**

17. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

18. Additional remarks:

**Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
box	22.8	Good	Not Present			



# SAFETY DATA SHEET

THE DOW CHEMICAL COMPANY

**Product name:** Hexyl CELLOSOLVE™ Solvent

**Issue Date:** 08/21/2020

**Print Date:** 08/22/2020

THE DOW CHEMICAL COMPANY encourages and expects you to read and understand the entire (M)SDS, as there is important information throughout the document. We expect you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.

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## 1. IDENTIFICATION

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**Product name:** Hexyl CELLOSOLVE™ Solvent

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

**Identified uses:** Industrial solvent for cleaner and coating formulations. We recommend that you use this product in a manner consistent with the listed use. If your intended use is not consistent with the stated use, please contact your sales or technical service representative.

### **COMPANY IDENTIFICATION**

THE DOW CHEMICAL COMPANY  
2211 H.H. DOW WAY  
MIDLAND MI 48674  
UNITED STATES

**Customer Information Number:**

800-258-2436  
SDSQuestion@dow.com

### **EMERGENCY TELEPHONE NUMBER**

**24-Hour Emergency Contact:** CHEMTREC +1 800-424-9300

**Local Emergency Contact:** 800-424-9300

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## 2. HAZARDS IDENTIFICATION

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### **Hazard classification**

GHS classification in accordance with 29 CFR 1910.1200

Flammable liquids - Category 4

Acute toxicity - Category 4 - Oral

Acute toxicity - Category 3 - Dermal

Skin corrosion - Category 1B

Serious eye damage - Category 1

### **Label elements**

**Hazard pictograms**



Signal word: **DANGER!**

#### Hazards

Combustible liquid.  
Harmful if swallowed.  
Toxic in contact with skin.  
Causes severe skin burns and eye damage.

#### Precautionary statements

##### Prevention

Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.  
Wash skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Wear protective gloves/ protective clothing/ eye protection/ face protection.

##### Response

IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.  
Take off contaminated clothing and wash before reuse.  
In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

##### Storage

Store in a well-ventilated place. Keep cool.  
Store locked up.

##### Disposal

Dispose of contents/ container to an approved waste disposal plant.

#### Other hazards

No data available

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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**Synonyms:** Ethylene glycol monoethyl ether  
This product is a substance.

**Component**

**CASRN**

**Concentration**

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Ethylene glycol monohexyl ether

112-25-4

&gt; 98.0 %

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## 4. FIRST AID MEASURES

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### Description of first aid measures

#### General advice:

First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific personal protective equipment.

**Inhalation:** Move person to fresh air and keep comfortable for breathing; consult a physician.

**Skin contact:** Immediate continued and thorough washing in flowing water for at least 30 minutes is imperative while removing contaminated clothing. Prompt medical consultation is essential. Wash clothing before reuse. Properly dispose of leather items such as shoes, belts, and watchbands. Suitable emergency safety shower facility should be immediately available.

**Eye contact:** Immediately flush eyes with water; remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes. Obtain medical attention without delay, preferably from an ophthalmologist. Suitable emergency eye wash facility should be immediately available.

**Ingestion:** Do not induce vomiting. Give one cup (8 ounces or 240 ml) of water or milk if available and transport to a medical facility. Do not give anything by mouth unless the person is fully conscious.

#### Most important symptoms and effects, both acute and delayed:

Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

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

**Notes to physician:** If burn is present, treat as any thermal burn, after decontamination. Due to irritant properties, swallowing may result in burns and/or ulceration of mouth, stomach and lower gastrointestinal tract with subsequent stricture. Aspiration of vomitus may cause lung injury. Suggest endotracheal or esophageal control if lavage is done. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

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## 5. FIREFIGHTING MEASURES

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### Extinguishing media

**Suitable extinguishing media:** Water fog or fine spray.. Dry chemical fire extinguishers.. Carbon dioxide fire extinguishers.. Foam.. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective..

**Unsuitable extinguishing media:** No information currently available..

### Special hazards arising from the substance or mixture



**Hazardous combustion products:** During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating.. Combustion products may include and are not limited to:. Carbon monoxide.. Carbon dioxide..

**Unusual Fire and Explosion Hazards:** Container may rupture from gas generation in a fire situation.. Violent steam generation or eruption may occur upon application of direct water stream to hot liquids..

### Advice for firefighters

**Fire Fighting Procedures:** Keep people away. Isolate fire and deny unnecessary entry.. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed.. Fight fire from protected location or safe distance. Consider the use of unmanned hose holders or monitor nozzles.. Immediately withdraw all personnel from the area in case of rising sound from venting safety device or discoloration of the container.. Burning liquids may be extinguished by dilution with water.. Do not use direct water stream. May spread fire.. Move container from fire area if this is possible without hazard.. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage..

**Special protective equipment for firefighters:** Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves).. Avoid contact with this material during fire fighting operations. If contact is likely, change to full chemical resistant fire fighting clothing with self-contained breathing apparatus. If this is not available, wear full chemical resistant clothing with self-contained breathing apparatus and fight fire from a remote location.. For protective equipment in post-fire or non-fire clean-up situations, see Section 8 of the safety data sheet..

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## 6. ACCIDENTAL RELEASE MEASURES

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**Personal precautions, protective equipment and emergency procedures:** Evacuate area. No smoking in area. Only trained and properly protected personnel must be involved in clean-up operations. Refer to section 7, Handling, for additional precautionary measures. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

**Environmental precautions:** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. Material will float on water.

**Methods and materials for containment and cleaning up:** Small spills: Absorb with materials such as: Sand. Vermiculite. Collect in suitable and properly labeled containers. Large spills: Contain spilled material if possible. Pump into suitable and properly labeled containers. See Section 13, Disposal Considerations, for additional information.

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## 7. HANDLING AND STORAGE

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**Precautions for safe handling:** Do not swallow. Do not get on skin or clothing. Avoid contact with eyes. Wash thoroughly after handling. Keep container closed. Use with adequate ventilation. Keep away from heat, sparks and flame. See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.

Containers, even those that have been emptied, can contain vapors. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers. Spills of these organic materials on hot fibrous insulations may lead to lowering of the autoignition temperatures possibly resulting in spontaneous combustion.

**Conditions for safe storage:** Store in the following material(s): Carbon steel. Stainless steel. Phenolic lined steel drums. polyethylene Do not store in: Aluminum. Copper. Galvanized iron. Galvanized steel. See Section 10 for more specific information.

### Storage stability

**Shelf life: Use within  
Metal drums.**

24 Month

**Bulk**

6 Month

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Control parameters

If exposure limits exist, they are listed below. If no exposure limits are displayed, then no values are applicable.

Component	Regulation	Type of listing	Value
Ethylene glycol monohexyl ether	Dow IHG	TWA	20 ppm

### Exposure controls

**Engineering controls:** Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

### Individual protection measures

**Eye/face protection:** Use chemical goggles.

#### Skin protection

**Hand protection:** Use gloves chemically resistant to this material. Examples of preferred glove barrier materials include: Butyl rubber. Ethyl vinyl alcohol laminate ("EVAL"). Examples of acceptable glove barrier materials include: Natural rubber ("latex"). Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Polyvinyl chloride ("PVC" or "vinyl"). NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

**Other protection:** Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

**Respiratory protection:** Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions no respiratory protection should be needed; however, if discomfort is experienced, use an approved air-purifying respirator. The following should be effective types of air-purifying respirators: Organic vapor cartridge.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	
<b>Physical state</b>	Liquid.
<b>Color</b>	Colorless
<b>Odor</b>	pungent
<b>Odor Threshold</b>	No test data available
<b>pH</b>	No test data available
<b>Melting point/range</b>	Not applicable to liquids
<b>Freezing point</b>	-50 °C ( -58 °F) <i>Literature</i>
<b>Boiling point (760 mmHg)</b>	208.5 °C ( 407.3 °F) <i>Literature</i>
<b>Flash point</b>	<b>closed cup</b> 91.5 °C ( 196.7 °F) <i>Literature</i>
<b>Evaporation Rate (Butyl Acetate = 1)</b>	<0.01 <i>Literature</i>
<b>Flammability (solid, gas)</b>	Not applicable to liquids
<b>Flammability (liquids)</b>	Not expected to be a static-accumulating flammable liquid.
<b>Lower explosion limit</b>	1.4 % vol <i>Calculated.</i>
<b>Upper explosion limit</b>	9.0 % vol <i>Estimated.</i>
<b>Vapor Pressure</b>	0.075 mmHg at 20 °C (68 °F) <i>Literature</i>
<b>Relative Vapor Density (air = 1)</b>	5 at 20 °C (68 °F) <i>Literature</i>
<b>Relative Density (water = 1)</b>	0.889 at 20 °C (68 °F) / 20 °C <i>Literature</i>
<b>Water solubility</b>	9.460 g/L at 20 °C (68 °F) <i>Literature</i>
<b>Partition coefficient: n-octanol/water</b>	log Pow: 1.97 <i>Measured</i>
<b>Auto-ignition temperature</b>	225 °C (437 °F) <i>Literature</i>
<b>Decomposition temperature</b>	No test data available
<b>Dynamic Viscosity</b>	4.5 mPa.s at 25 °C (77 °F) <i>Literature</i>
<b>Kinematic Viscosity</b>	5.1 mm <sup>2</sup> /s at 25 °C (77 °F) <i>Literature</i>
<b>Explosive properties</b>	Not explosive
<b>Oxidizing properties</b>	No Oxidizing
<b>Liquid Density</b>	0.89 g/cm <sup>3</sup> at 20 °C (68 °F) <i>Literature</i>
<b>Molecular weight</b>	146.2 g/mol <i>Literature</i>

NOTE: The physical data presented above are typical values and should not be construed as a specification.

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## 10. STABILITY AND REACTIVITY

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**Reactivity:** No data available

**Chemical stability:** Thermally stable at typical use temperatures.

**Possibility of hazardous reactions:** Polymerization will not occur.

**Conditions to avoid:** Do not distill to dryness. Product can oxidize at elevated temperatures. Generation of gas during decomposition can cause pressure in closed systems.

**Incompatible materials:** Avoid contact with: Strong acids. Strong oxidizers. Strong bases.

**Hazardous decomposition products:** Decomposition products depend upon temperature, air supply and the presence of other materials.. Decomposition products can include and are not limited to: Aldehydes.. Ketones.. Organic acids..

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## 11. TOXICOLOGICAL INFORMATION

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*Toxicological information appears in this section when such data is available.*

### Information on likely routes of exposure

Ingestion, Inhalation, Skin contact, Eye contact.

### Acute toxicity (represents short term exposures with immediate effects - no chronic/delayed effects known unless otherwise noted)

#### Acute oral toxicity

Low toxicity if swallowed. Swallowing may result in burns of the mouth and throat.

Based on product testing:  
LD50, Rat, 738 mg/kg

#### Information for components:

##### Ethylene glycol monohexyl ether

LD50, Rat, 738 mg/kg

#### Acute dermal toxicity

Prolonged or widespread skin contact may result in absorption of harmful amounts.

Based on product testing:  
LD50, Rabbit, 757 mg/kg

#### Information for components:

##### Ethylene glycol monohexyl ether

LD50, Rabbit, 757 mg/kg

**Acute inhalation toxicity**

At room temperature, exposure to vapor is minimal due to low volatility; single exposure is not likely to be hazardous. For respiratory irritation and narcotic effects: No relevant data found.

LC0, Rat, 6 Hour, vapour, > 0.787 mg/l The LC50 value is greater than the Maximum Attainable Concentration. No deaths occurred at this concentration.

**Information for components:**

**Ethylene glycol monohexyl ether**

LC0, Rat, 6 Hour, vapour, > 0.787 mg/l The LC50 value is greater than the Maximum Attainable Concentration. No deaths occurred at this concentration.

**Skin corrosion/irritation**

Based on product testing:

Brief contact may cause skin burns. Symptoms may include pain, severe local redness and tissue damage.

Classified as corrosive to the skin according to DOT guidelines.

**Information for components:**

**Ethylene glycol monohexyl ether**

Brief contact may cause severe skin burns. Symptoms may include pain, severe local redness and tissue damage.

Classified as corrosive to the skin according to DOT guidelines.

**Serious eye damage/eye irritation**

Based on product testing:

May cause severe eye irritation.

May cause slight corneal injury.

**Information for components:**

**Ethylene glycol monohexyl ether**

May cause severe eye irritation.

May cause slight corneal injury.

**Sensitization**

For skin sensitization:

No relevant data found.

For respiratory sensitization:

No relevant data found.

**Information for components:**

**Ethylene glycol monohexyl ether**

For skin sensitization:

No relevant data found.

For respiratory sensitization:

No relevant data found.

**Specific Target Organ Systemic Toxicity (Single Exposure)**

Available data are inadequate to determine single exposure specific target organ toxicity.

**Information for components:**

**Ethylene glycol monohexyl ether**

Available data are inadequate to determine single exposure specific target organ toxicity.

**Aspiration Hazard**

Based on physical properties, not likely to be an aspiration hazard.

**Information for components:**

**Ethylene glycol monohexyl ether**

Aspiration into the lungs may occur during ingestion or vomiting, causing tissue damage or lung injury.

**Chronic toxicity (represents longer term exposures with repeated dose resulting in chronic/delayed effects - no immediate effects known unless otherwise noted)**

**Specific Target Organ Systemic Toxicity (Repeated Exposure)**

Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects.

Repeated exposure did not produce systemic toxicity when applied to the skin of rabbits.

**Information for components:**

**Ethylene glycol monohexyl ether**

Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects.

Repeated exposure did not produce systemic toxicity when applied to the skin of rabbits.

**Carcinogenicity**

No relevant data found.

**Information for components:**

**Ethylene glycol monohexyl ether**

No relevant data found.

**Teratogenicity**

Did not cause birth defects or any other fetal effects in laboratory animals.

**Information for components:**

**Ethylene glycol monohexyl ether**

Did not cause birth defects or any other fetal effects in laboratory animals.

**Reproductive toxicity**

For similar material(s): In laboratory animal studies, effects on reproduction have been seen only at doses that produced significant toxicity to the parent animals.

**Information for components:**

**Ethylene glycol monohexyl ether**

For similar material(s): In laboratory animal studies, effects on reproduction have been seen only at doses that produced significant toxicity to the parent animals.

### Mutagenicity

In vitro genetic toxicity studies were negative.

### Information for components:

#### Ethylene glycol monohexyl ether

In vitro genetic toxicity studies were negative.

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## 12. ECOLOGICAL INFORMATION

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*Ecotoxicological information appears in this section when such data is available.*

### Toxicity

#### Acute toxicity to fish

Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested).

LC50, Pimephales promelas (fathead minnow), static test, 96 Hour, 140 mg/l, OECD Test Guideline 203 or Equivalent

#### Acute toxicity to aquatic invertebrates

EC50, Daphnia magna (Water flea), static test, 48 Hour, 145 mg/l, OECD Test Guideline 202 or Equivalent

#### Acute toxicity to algae/aquatic plants

ErC50, Desmodesmus subspicatus (green algae), static test, 96 Hour, Growth rate inhibition, 147.128 mg/l, OECD Test Guideline 201 or Equivalent

#### Toxicity to bacteria

EC50, activated sludge, static test, 0.5 Hour, > 750 mg/l

### Persistence and degradability

**Biodegradability:** Material is readily biodegradable. Passes OECD test(s) for ready biodegradability.

10-day Window: Pass

**Biodegradation:** 96.8 %

**Exposure time:** 20 d

**Method:** OECD Test Guideline 301E or Equivalent

**Theoretical Oxygen Demand:** 2.52 mg/mg

**Chemical Oxygen Demand:** 1.89 mg/mg

#### Biological oxygen demand (BOD)

Incubation Time	BOD
5 d	72 %
10 d	93 %

20 d	100 %
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**Bioaccumulative potential**

**Bioaccumulation:** Bioconcentration potential is low (BCF < 100 or Log Pow < 3).

**Partition coefficient: n-octanol/water(log Pow):** 1.97 Measured

**Bioconcentration factor (BCF):** 5.8 Estimated.

**Mobility in soil**

Potential for mobility in soil is very high (Koc between 0 and 50).

**Partition coefficient (Koc):** 10 Estimated.

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## 13. DISPOSAL CONSIDERATIONS

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**Disposal methods:** DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION: Composition Information. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device.

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## 14. TRANSPORT INFORMATION

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**DOT**

<b>Proper shipping name</b>	Corrosive liquids, toxic, n.o.s.(Ethylene glycol monohexyl ether)
<b>UN number</b>	UN 2922
<b>Class</b>	8 (6.1)
<b>Packing group</b>	II

**Classification for SEA transport (IMO-IMDG):**

<b>Proper shipping name</b>	CORROSIVE LIQUID, TOXIC, N.O.S.(Ethylene glycol monohexyl ether)
<b>UN number</b>	UN 2922
<b>Class</b>	8 (6.1)
<b>Packing group</b>	II
<b>Marine pollutant</b>	No
<b>Transport in bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code</b>	Consult IMO regulations before transporting ocean bulk

**Classification for AIR transport (IATA/ICAO):**

<b>Proper shipping name</b>	Corrosive liquid, toxic, n.o.s.(Ethylene glycol monohexyl ether)
<b>UN number</b>	UN 2922



<b>Class</b>	8 (6.1)
<b>Packing group</b>	II

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

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## 15. REGULATORY INFORMATION

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### **Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312**

Flammable (gases, aerosols, liquids, or solids)  
Acute toxicity (any route of exposure)  
Skin corrosion or irritation  
Serious eye damage or eye irritation

### **Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313**

This product contains the following substances which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and which are listed in 40 CFR 372.

<b>Components</b>	<b>CASRN</b>
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Glycol Ethers	Not available
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### **Pennsylvania Worker and Community Right-To-Know Act:**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

### **California Prop. 65**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### **United States TSCA Inventory (TSCA)**

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

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## 16. OTHER INFORMATION

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### **Product Literature**

Additional information on this product may be obtained by calling your sales or customer service contact.

**Hazard Rating System****NFPA**

Health	Flammability	Instability
3	2	0

**Revision**

Identification Number: 304672 / A001 / Issue Date: 08/21/2020 / Version: 11.0

Most recent revision(s) are noted by the bold, double bars in left-hand margin throughout this document.

**Legend**

Dow IHG	Dow Industrial Hygiene Guideline
TWA	Time Weighted Average (TWA):

**Full text of other abbreviations**

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

**Information Source and References**

This SDS is prepared by Product Regulatory Services and Hazard Communications Groups from information supplied by internal references within our company.

THE DOW CHEMICAL COMPANY urges each customer or recipient of this (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.

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