

Safety Data Sheet



Trade Name: US-213A

SECTION 1. IDENTIFICATION

Date of issue: 1.23.2019
Product Name: US-213A
Chemical Name:
Other means of identification: Alkylene Glycol

Recommended use of the chemical and restrictions on use:

Recommended use: Used in urethane polymer foam production
Recommended restrictions: Uses other than as recommended above

Company Name: Urethane Sciences, LLC
Company Address: 121 Cross Keys Road, Building E
Berlin, NJ 08009
Company Telephone: Phone: (856) 282-4506
Company Contact Email: info@usci.net

Emergency Phone: ChemTrec (24 Hours): 1-800-424-9300
(Outside of USA 202-366-4488)

SECTION 2: HAZARD(S) IDENTIFICATION

Physical hazards

No physical hazards identified under paragraph (d) of §1910.1200

Health hazards

None identified under OSHA GHS §1910.1200.

Environmental hazards

Not identified under OSHA GHS §1910.1200.

GHS Signal word None

GHS Hazard statement(s): None

GHS Hazard symbol(s): None

Precautionary statement(s)**Prevention:**

Avoid contact with eyes

Do not eat, drink, or smoke when using this product Do not swallow

Wash thoroughly after handling

Response:

If swallowed: Rinse mouth. Seek medical attention. Do not induce vomiting unless directed to do so by a physician.

If on skin: Wash thoroughly.

If inhaled: Move person to fresh air. If adverse effects occur, consult a physician.

If in eyes: Wash with large amount of water for at least several minutes. If effects occur, consult a physician.

Disposal:

Dispose of contents/containers to an approved disposal site in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise Classified (HNOC): None known

SECTION 3: Composition/Information on ingredients

Mixture: Chemical intermediate for urethane polymer production

CHEMICAL NAME	CAS #	Concentration (weight %)
Alkylene Glycol	Trade Secret	99-100%

The ingredients are not classified as hazardous or are below the concentration limit to be classified as hazardous, under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200. The manufacturer has claimed one or more ingredients as trade secret under the OSHA Hazard Communication Standard.

SECTION 4: FIRST AID MEASURES

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

Inhalation: Allow victim to breathe fresh air. Allow the victim to rest.

Skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

Eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed: Not expected to present a significant hazard under anticipated conditions of normal use.

Indication of immediate medical attention and special treatment needed: No additional information available.

SECTION 5: FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray.

Unsuitable extinguishing media: Do not use heavy water stream or jet.

Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products):

In a fire, or if heated, pressure in product could cause the container to burst. Decomposition could cause carbon monoxide. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

Special protective equipment and precautions for fire-fighters: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Evacuate unnecessary personnel. 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. Notify authorities if liquid enters sewers or public waters. See Section 12, Ecological Information.

Methods and materials for containment and cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. See Section 13, Disposal Considerations, for additional information.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.

Conditions for safe storage, including any incompatibles: Keep only in the original container in a cool, well ventilated place away from: Ignition sources. Direct sunlight. Strong bases. Strong acids. See Section 10 for more specific information.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits have not been established for the substances listed in the composition

Exposure controls

Engineering controls: General ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

Individual protection measures

Eye/face protection: Chemical goggles or safety glasses.

Skin protection

Hand protection: Wear protective gloves.

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: Do not eat, drink or smoke during use.

Respiratory protection: Wear appropriate mask.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state:	Viscous Liquid
Form:	Medium viscosity fluid
Color:	Colorless
Odor:	odorless
Odor threshold:	Not available
pH:	Not available
Melting point/freezing point:	< -53 °C (63.40- °F)
Initial boiling point and boiling range:	212 °C (413.60 °F) Approx.
Flash point:	127 °C (260.60 °F) (ASTM D 93)
Evaporation rate:	< 1(n-Butyl acetate=1)
Flammability (solid, gas):	Not available
Upper/lower flammability or explosive limits	
Flammability limit – lower %:	Not available
Flammability limit – upper %:	Not available
Explosive limit – lower (%):	Not available
Explosive limit – upper (%):	Not available
Vapor pressure:	< 1.33 hPa @ 20 °C (68.00 °F)

US-213A

Vapor density:	Greater than 1 [Air = 1]
Relative density:	1.02
Solubility (ies):	Soluble in water No data available No data available No data available
Partition coefficient (n-octanol/water):	175 cP
Auto-ignition temperature:	
Decomposition temperature:	
Viscosity (dynamic):	
% Volatile:	Not volatile at or near room temperature

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions
Stable under normal ambient conditions and anticipated conditions of use.	
Possibility of hazardous reactions:	Hazardous reactions not anticipated with product alone.
Conditions to avoid:	Direct sunlight. Extremely high or low temperatures
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	None under normal conditions of storage and use.

SECTION 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity:	Not classified
Skin corrosion/irritation : (pH near neutral in isopropanol / water mixture)	Not classified
Serious eye damage/irritation : (pH near neutral in isopropanol / water mixture)	Not classified
Respiratory or skin sensitization :	Not classified
Germ cell mutagenicity :	Not classified
Carcinogenicity :	Not classified
Reproductive toxicity :	Not classified
Specific target organ toxicity:	Not classified (single exposure)
Specific target organ toxicity:	Not classified (repeated exposure)
Aspiration hazard :	Not classified

Potential Adverse human health effects and
Based on available data, the classification criteria are not met.

SECTION 12: ECOLOGICAL INFORMATION

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

Toxicity

Persistence and degradability Biodegradability: Not established

Bioaccumulative potential Bioaccumulation: Not established

Mobility in soil

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods: Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment.

SECTION 14: Transport Information

US Department of Transportation Classification (49CFR)

Not regulated for transport

Maritime transport IMDG

Not regulated for transport.

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

No further relevant information available.

Air transport ICAO-TI and IATA-DGR

Not regulated for transport

Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises.

No data available

SECTION 15: REGULATORY INFORMATION

USA:

United States Federal Regulations: This SDS complies with the OSHA, 29 CFR 1910.1200. The product is not hazardous under OSHA.

Toxic Substances Control Act (TSCA) – All components are on the U.S. EPA TSCA Inventory List.

CERCLA Hazardous Substance List, 40 CFR 302.4:

No components listed

Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories:

Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard – No

Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A): None listed

Section 311 hazardous chemical: None listed

SARA Section 313 (Specific toxic chemical listings): None listed

STATE REGULATIONS:

This SDS contains specific health and safety data is applicable for state requirements. For details on your regulatory requirements, you should contact the appropriate agency in your state.

California Proposition 65 (California Safe Drinking Water and Toxic Enforcement Act of 1986): No components are listed on Prop 65.

SECTION 16: OTHER INFORMATION

Revision Date: 6/16/2020

DISCLAIMER: To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any legal liability for completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.