

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product form : Mixture  
Trade name : POLY-G® 71-360

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : chemical intermediate for urethane polymer production

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

Monument Chemical  
2450 Olin Road  
Brandenburg, KY 40108 - USA  
T (270)422-6860  
[sds@monumentchemical.com](mailto:sds@monumentchemical.com) - [www.monumentchemical.com](http://www.monumentchemical.com)

### 1.4. Emergency telephone number

Emergency number : 24 HR CHEMTREC:1-800-424-9300; 24 HR Emergency Assistance: 1-270-422-6860

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification (GHS-US)

Not classified

### 2.2. Label elements

#### GHS-US labeling

No labeling applicable

### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
PROPOXYLATED SUCROSE	(CAS No) 9049-71-2	46 - 63	Not classified
Polyether Triol	(CAS No) 25791-96-2	28 - 44	Not classified
OXYPROPYLATED ALIPHATIC AMINE	(CAS No) 35176-06-8	9 - 10	Not classified

Full text of H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for 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.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

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.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Ignition sources.  
Keep container closed when not in use.  
Incompatible products : Strong bases. Strong acids.  
Incompatible materials : Sources of ignition. Direct sunlight.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

POLY-G® 71-360	
ACGIH	Not applicable
OSHA	Not applicable
OXYPROPYLEATED ALIPHATIC AMINE (35176-06-8)	
ACGIH	Not applicable
OSHA	Not applicable
Polyether Triol (25791-96-2)	
ACGIH	Not applicable

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Polyether Triol (25791-96-2)	
OSHA	Not applicable

  

PROPOXYLATED SUCROSE (9049-71-2)	
ACGIH	Not applicable
OSHA	Not applicable

### 8.2. Exposure controls

Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses.
Respiratory protection	: Wear appropriate mask.
Other information	: Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Pale yellow or light brown oily liquid.
Color	: brown
Odor	: Amine-like
Odor threshold	: No data available
pH	: 8 - 10 10/6 Isopropanol / water (@ 25 Deg. C)
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 200 °C (Open cup)
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: 0.1 mm Hg (@ 25 Deg. C)
Relative density	: 1.1 - 1.15
Relative vapor density at 20 °C	: No data available
Specific gravity / density	: 9 - 9.2 lb/gal
Solubility	: Soluble in water.
Log Pow	: No data available
Log Kow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Not established.

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### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

#### OXYPROPYLATED ALIPHATIC AMINE (35176-06-8)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

#### Polyether Triol (25791-96-2)

LD50 oral rat	4600 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 200 mg/l 1hr
ATE US (oral)	4600.000 mg/kg body weight

Skin corrosion/irritation : Not classified  
pH: 8 - 10 10/6 Isopropanol / water (@ 25 Deg. C)

Serious eye damage/irritation : Not classified  
pH: 8 - 10 10/6 Isopropanol / water (@ 25 Deg. C)

Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

Reproductive toxicity : Not classified  
Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

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

## SECTION 12: Ecological information

### 12.1. Toxicity

#### OXYPROPYLATED ALIPHATIC AMINE (35176-06-8)

LC50 fish 1	> 100 mg/l
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#### Polyether Triol (25791-96-2)

LC50 fish 1	> 100 mg/l
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### 12.2. Persistence and degradability

#### POLY-G® 71-360

Persistence and degradability	Not established.
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#### OXYPROPYLATED ALIPHATIC AMINE (35176-06-8)

Persistence and degradability	Not established.
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#### Polyether Triol (25791-96-2)

Persistence and degradability	Not established.
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### 12.3. Bioaccumulative potential

#### POLY-G® 71-360

Bioaccumulative potential : Not established.

#### OXYPROPYLATED ALIPHATIC AMINE (35176-06-8)

Bioaccumulative potential : Not established.

#### Polyether Triol (25791-96-2)

Bioaccumulative potential : Not established.

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

Not regulated for transport

### Additional information

Other information : No supplementary information available.

### ADR

No additional information available

### Transport by sea

Not regulated for transport

### Air transport

Not regulated for transport

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### OXYPROPYLATED ALIPHATIC AMINE (35176-06-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### Polyether Triol (25791-96-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### PROPOXYLATED SUCROSE (9049-71-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### 15.2. International regulations

#### CANADA

#### OXYPROPYLATED ALIPHATIC AMINE (35176-06-8)

Listed on the Canadian DSL (Domestic Substances List)

#### Polyether Triol (25791-96-2)

Listed on the Canadian DSL (Domestic Substances List)

#### PROPOXYLATED SUCROSE (9049-71-2)

Listed on the Canadian DSL (Domestic Substances List)

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### EU-Regulations

**OXYPROPYLATED ALIPHATIC AMINE (35176-06-8)**

Listed on the EU NLP (No Longer Polymers) inventory

**Polyether Triol (25791-96-2)**

Listed on the EU NLP (No Longer Polymers) inventory

**PROPOXYLATED SUCROSE (9049-71-2)**

Listed on the EU NLP (No Longer Polymers) inventory

### Classification according to Regulation (EC) No. 1272/2008 [CLP]

No additional information available

### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

### National regulations

**OXYPROPYLATED ALIPHATIC AMINE (35176-06-8)**

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

**Polyether Triol (25791-96-2)**

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on Turkish inventory of chemical

**PROPOXYLATED SUCROSE (9049-71-2)**

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

### 15.3. US State regulations

## SECTION 16: Other information

Revision date : 04/10/2015

Other information : None.

SDS US (GHS HazCom 2012)

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