

### SECTION 1 Identification

#### 1.1. GHS Product identifier

Product form	: Substance
Trade name	: POLY-Q® 40-800
Chemical name	: ETHOXYLATED, PROPOXYLATED ETHYLENEDIAMINE
CAS-No.	: 26316-40-5
Formula	: (C <sub>3</sub> H <sub>6</sub> O.C <sub>2</sub> H <sub>8</sub> N <sub>2</sub> .C <sub>2</sub> H <sub>4</sub> O) <sub>x</sub>
Product group	: Trade product

#### 1.2. Other means of identification

Synonyms	: Ethylenediamine, ethoxylated and propoxylated / Polymer, 1,2-ethanediamine with methyloxirane and oxirane / 1,2-Ethanediamine, polymer with 2-methyloxirane and oxirane / Ethylene oxide-propylene oxide copolymer ethylenediamine ether / Ethylene oxide-propylene oxide copolymer ether with ethylenediamine / tetronic 701 / Polyoxypropylene-ethylene oxide condensate of ethylenediamine / Polypropylene-ethylene oxide condensate of ethylenediamine / Ethoxylated or propoxylated ethanediamine
EC-No.	: 500-047-1

#### 1.3. Recommended use of the chemical and restrictions on use

No additional information available

#### 1.4. Supplier's details

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)

#### 1.5. Emergency phone number

Emergency number	: 24 HR CHEMTREC: 1-800-424-9300 (International +1 703-741-5970); 24 HR Emergency Assistance: 1-270-422-6860
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### SECTION 2 Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS CA)

Serious eye damage/eye irritation, Category 2A  
Skin sensitization, Category 1  
Full text of H statements : see section 16

Causes serious eye irritation.  
May cause an allergic skin reaction.

#### 2.2. GHS label elements, including precautionary statements

##### GHS CA labeling

Hazard pictograms (GHS CA)



Signal word (GHS CA)

: Warning

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according to SOR/2015-17, Hazardous Products Regulations (HPR)

Hazard statements (GHS CA)	: May cause an allergic skin reaction Causes serious eye irritation
Precautionary statements (GHS CA)	: Avoid breathing dust, fume, gas, mist, vapors, spray. Wash hands, forearms and face thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection. IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (see supplemental first aid instruction on this label). If skin irritation or rash occurs: Get medical advice or attention. If eye irritation persists: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

### 2.3. Other hazards which do not result in classification

No additional information available

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### SECTION 3 Composition/information on ingredients

#### 3.1. Substances

Name	Chemical name/Synonyms	Product identifier	%	Classification (GHS CA)
ETHOXYLATED, PROPOXYLATED ETHYLENEDIAMINE (Main constituent)	ETHOXYLATED, PROPOXYLATED ETHYLENEDIAMINE Ethylenediamine, ethoxylated and propoxylated / Polymer, 1,2-ethanediamine with methyloxirane and oxirane / 1,2-Ethanediamine, polymer with 2-methyloxirane and oxirane / Ethylene oxide-propylene oxide copolymer ethylenediamine ether / Ethylene oxide-propylene oxide copolymer ether with ethylenediamine / tetronic 701 / Polyoxypropylene-ethylene oxide condensate of ethylenediamine / Polypropylene-ethylene oxide condensate of ethylenediamine / Ethoxylated or propoxylated ethanediamine	CAS-No.: 26316-40-5	99 – 100	Eye Irrit. 2A, H319 Skin Sens. 1, H317

Full text of hazard classes and H-statements : see section 16

#### 3.2. Mixtures

Not applicable

### SECTION 4 First-aid measures

#### 4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.

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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. Wash with plenty of soap and water. If skin irritation or rash occurs: Wash with plenty of soap and water, Get medical advice/attention. Get medical advice/attention. Specific treatment (see Consult a doctor/medical service, Wash skin with plenty of water on this label). Wash contaminated clothing before reuse. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: If eye irritation persists: Consult an eye specialist. Get medical advice/attention. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center/doctor/physician if you feel unwell.
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).

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

Symptoms/effects after inhalation	: May cause an allergic skin reaction.
Symptoms/effects after skin contact	: May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation. Eye irritation.
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: Treat symptomatically.
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## SECTION 5 Fire-fighting measures

### 5.1. Suitable extinguishing media

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

### 5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire	: Toxic fumes may be released.
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### 5.3. Special protective actions for fire-fighters

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. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6 Accidental release measures

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

Environmental precautions	: Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
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### 6.2. Methods and materials for containment and cleaning up

Methods for cleaning up	: Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
Other information	: Dispose of materials or solid residues at an authorized site.
See Heading 8, Exposure controls and personal protection, For further information refer to section 13	

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### SECTION 7 Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. 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. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Wear personal protective equipment.
Hygiene measures	: Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 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, Incompatible materials. Keep container closed when not in use.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight.

### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Environmental exposure controls	: Avoid release to the environment.

#### 8.3. Individual protection measures, such as personal protective equipment (PPE)

##### Personal protective equipment:

Avoid all unnecessary exposure.

##### Hand protection:

Wear protective gloves.

##### Eye protection:

Chemical goggles or safety glasses. Safety glasses

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

Wear appropriate mask

##### Personal protective equipment symbol(s):



##### Other information:

Do not eat, drink or smoke during use.

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### SECTION 9 Physical and chemical properties

#### 9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Colorless to pale yellow liquid.
Color	: Colourless to yellow
Odor	: mild
Odor threshold	: No data available
pH	: 10 – 12 (@ 25 Deg. C) 10/6 Isopropanol / water
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Molecular mass	: ~ 278 g/mol
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 193 °C (Open cup)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: < 1 mm Hg (@ 25 Deg. C)
Relative vapor density at 20°C	: No data available
Relative density	: 1.03 – 1.06 (@ 25 Deg. C)
Density	: 8.5 – 8.8 lb/gal
Solubility	: Insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available
Particle characteristics	: No data available

#### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

### SECTION 10 Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Not established.
Possibility of hazardous reactions	: Not established.
Conditions to avoid	: Direct sunlight. Extremely high or low temperatures.
Incompatible materials	: Strong acids. Strong bases.
Hazardous decomposition products	: fume. Carbon monoxide. Carbon dioxide.
Hardening time:	: No additional information available

### SECTION 11 Toxicological information

#### 11.1. Likely routes of exposure

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified

ETHOXYLATED, PROPOXYLATED ETHYLENEDIAMINE (26316-40-5)	
LD50 oral rat	3 – 5 g/kg
LD50 dermal rabbit	> 2000 mg/kg
ATE CA (oral)	3000 mg/kg body weight

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Skin corrosion/irritation	: Not classified pH: 10 – 12 (@ 25 Deg. C) 10/6 Isopropanol / water
Serious eye damage/irritation	: Causes serious eye irritation. pH: 10 – 12 (@ 25 Deg. C) 10/6 Isopropanol / water
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-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.
Symptoms/effects after inhalation	: May cause an allergic skin reaction.
Symptoms/effects after skin contact	: May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation. Eye irritation.

## SECTION 12 Ecological information

### 12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified.

#### ETHOXYLATED, PROPOXYLATED ETHYLENEDIAMINE (26316-40-5)

LC50 - Fish [1]	> 100 mg/l
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### 12.2. Persistence and degradability

#### ETHOXYLATED, PROPOXYLATED ETHYLENEDIAMINE (26316-40-5)

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

#### ETHOXYLATED, PROPOXYLATED ETHYLENEDIAMINE (26316-40-5)

Bioaccumulative potential	Not established.
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### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Ozone	: Not classified
Other information	: Avoid release to the environment.
Fluorinated greenhouse gases	: No

## SECTION 13 Disposal considerations

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
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Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Disposal must be done according to official regulations.
Ecological waste information	: Avoid release to the environment.

### SECTION 14 Transport information

In accordance with TDG / DOT / IMDG / IATA

#### 14.1. UN Number

UN-No. (TDG)	: Not applicable
UN-No. (DOT)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable

#### 14.2. UN Proper Shipping Name

Proper Shipping Name (TDG)	: Not applicable
Proper Shipping Name (DOT)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable

#### 14.3. Transport hazard class(es)

##### TDG

Transport hazard class(es) (TDG)	: Not applicable
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##### DOT

Transport hazard class(es) (DOT)	: Not applicable
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##### IMDG

Transport hazard class(es) (IMDG)	: Not applicable
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##### IATA

Transport hazard class(es) (IATA)	: Not applicable
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#### 14.4. Packing group, if applicable

Packing group (TDG)	: Not applicable
Packing group (DOT)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable

#### 14.5. Environmental hazards

Other information	: No supplementary information available.
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#### 14.6. Special precautions for user

##### TDG

Not applicable

##### DOT

Not applicable

##### IMDG

Not applicable

##### IATA

Not applicable

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### 14.7. Transport in bulk according to Annex II of MARPOL 73/78<sup>9</sup> and the IBC Code<sup>10</sup>

Not applicable

## SECTION 15 Regulatory information

### ETHOXYLATED, PROPOXYLATED ETHYLENEDIAMINE (26316-40-5)

Listed on the Canadian DSL (Domestic Substances List)

### ETHOXYLATED, PROPOXYLATED ETHYLENEDIAMINE (26316-40-5)

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

## SECTION 16 Other Information

Issue date : 07/30/2025  
Revision date : 07/30/2025  
Supersedes : 07/10/2020

Other information : None.

Safety Data Sheet (SDS), Canada

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