

WEST PROPYLENE GLYCOL

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Date prepared: January 2, 2017

MSDS : Propylene Glycol SDS GHS

1. IDENTIFICATION

Product Identifier

Product Name West Propylene Glycol

Recommended use of the chemical and restrictions on use

Recommended use Anti-freeze; additive

Restrictions on use For industrial use only

Supplier details

West Penetone Inc.
10900 Secant
Montreal, QC,
H1J 5S1
Tel: 514-355-4660

Emergency Telephone Number

Canutec (613)-996-6666

2. HAZARDS IDENTIFICATION

Classification

Not classified based on available information

Label Elements

WARNING

Hazard Statements

none

Precautionary Statements - Response

IF IN EYES: 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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No | Weight % |
|------------------|---------|----------|
| Propylene glycol | 57-55-6 | 100 |
| | | |
| | | |

4. FIRST AID MEASURES

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|---------------------|--|
| Eye contact | 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. |
| Skin contact | Rinse skin with water. |
| Inhalation | Not applicable |
| Ingestion | Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person. |

Most important symptoms and effects, both acute and delayed

May cause mild irritation to eyes.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

None.

Specific hazards arising from the chemical

None known.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Not required.

Environmental Precautions

Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Rinse area with plenty of water.

7. HANDLING AND STORAGE**Precautions for Safe Handling**

| | |
|----------|-------------------------------|
| Handling | No special measures required. |
|----------|-------------------------------|

Conditions for safe storage, including any incompatibilities

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|---------|--|
| Storage | Keep containers tightly closed in a dry, cool and well-ventilated place. |
|---------|--|

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|------------------------|------------------|
| Incompatible Materials | Strong oxidizers |
|------------------------|------------------|

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Control parameters**

None of the constituents in this product have a known exposure limit.

Appropriate engineering controls

| | |
|----------------------|---------------|
| Engineering Controls | Not required. |
|----------------------|---------------|

Individual protection measures, such as personal protective equipment

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|---------------------|---------------|
| Eye/face Protection | Not required. |
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|--------------------------|---------------|
| Skin and body protection | Not required. |
|--------------------------|---------------|

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|------------------------|---------------|
| Respiratory Protection | Not required. |
|------------------------|---------------|

| | |
|--------------------------------|--|
| General Hygiene Considerations | Handle in accordance with good industrial hygiene and safety practice. |
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9. PHYSICAL AND CHEMICAL PROPERTIES**APPEARANCE :**

Clear, colorless liquid

ODOR

None

ODOR THRESHOLD :

Not applicable

pH :

Not applicable

MELTING POINT / FREEZING POINT :

-20°C

BOILING POINT/BOILING RANGE :

184°C

VAPOR PRESSURE, Pa AT 25°C :

20

VAPOR DENSITY (Air = 1) :

Not applicable

RELATIVE DENSITY AT 20°C:

1.03

SOLUBILITY IN WATER :

Complete

PARTITION COEFFICIENT, N-OCTANOL/WATER :

-1.07 log PoW

AUTO-IGNITION TEMPERATURE :

> 400 °C

FLASH POINT :

None

EVAPORATION RATE, water = 1 :

< 1

FLAMMABILITY (SOLID, GAS):

Not applicable

DECOMPOSITION TEMPERATURE:

Not available

VISCOSITY:

Not available

FLAMMABLE LIMITS :**UPPER:** 12.5% v/v **LOWER :** 2.6% v/v**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive

Conditions to Avoid

Store away from incompatible materials.

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

None

Incompatible Materials

Strong oxidizers.

Hazardous decomposition products

None

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|-----------------------------|----------------------|------------------------|-----------------|
| Propylene glycol 57-55-6 | > 20 000 mg/kg (rat) | > 2 000 mg/kg (rabbit) | Not applicable |

Information on likely sources of exposure**Serious eye damage/irritation**

may cause mild eye irritation.

Skin corrosion/irritation

none known.

Delayed and immediate effects and also chronic effects from short and long-term exposure**Respiratory or skin sensitization**

Not a sensitizer.

Germ cell mutagenicity

None known.

Carcinogenicity

None known.

Reproductive toxicity

None known.

STOT - single exposure

None known.

STOT-repeated exposure

None known.

Aspiration Hazard

None.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms include tingling sensation and / or reddening of eyes.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Non toxic

Persistence and degradability

Readily biodegradable

Bioaccumulative potential

low

Mobility in soil

No information available

Other adverse effects

None known

13. DISPOSAL CONSIDERATIONS**Waste Disposal Method**

Dispose of in accordance with local regulations.

Contaminated Packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION**TDG classification**

Not regulated

15. REGULATORY INFORMATION

All ingredients are listed on the DSL

16. OTHER INFORMATION**Preparation Date**

January 2, 2017

Revision Date

not applicable

Revision Note

not applicable

Disclaimer

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End of SDS