

# SAFETY DATA SHEET

## Propylene Glycol

PRODUCT USE:

REVISION DATE: August 2011

### 1. PRODUCT AND COMPANY INFORMATION

Water Engineering Inc.  
1574 County Rd 10  
Mead, NE 68041

24 HOUR EMERGENCY TELEPHONE: (800) 255-3924  
ACCOUNT NUMBER: MIS0004338  
TO REQUEST AN MSDS: Contact Product Manager  
CUSTOMER SERVICE: 800-476-5545

MSDS NUMBER: Prop Gly

PREPARED DATE: November 2009

### 2. HAZARDS CLASSIFICATION

OSHA REGULATORY STATUS: NON-REGULATED MATERIAL  
GHS CLASSIFICATION: Not applicable  
GHS SYMBOL: Not applicable  
GHS SIGNAL WORD: Not applicable  
GHS HAZARD STATEMENT: Not applicable

#### EMERGENCY OVERVIEW:

COLOR: Colorless  
PHYSICAL FORM: Slightly viscous liquid  
ODOR: Little to no  
SIGNAL WORD: Not applicable  
MAJOR HEALTH HAZARDS: Eye irritant. Flaking, tenderness and softening of skin. Excessive ingestions may cause central nervous system effects.  
PHYSICAL HAZARDS: Data not available  
ECOLOGICAL HAZARDS: Data not available  
PRECAUTIONARY STATEMENTS: Data not available

#### POTENTIAL HEALTH EFFECTS:

INHALATION: If effects do occur, refer to FIRST AID section.  
SKIN CONTACT: Repeated, prolonged exposure may cause slight flaking, tenderness, and softening of skin  
EYE CONTACT: May cause slight eye irritation.  
INGESTION: Excessive ingestions may cause central nervous system effects

TARGET ORGANS: Not available

CHRONIC EFFECTS: None known

#### CARCINOGEN STATUS:

OSHA: No  
NTP: No  
IARC: No

See Section 11: TOXICOLOGICAL INFORMATION

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT: Propylene Glycol  
CAS NUMBER: 57-55-6  
PERCENTAGE: 100%

The remaining components are non-hazardous, proprietary information

### 4. FIRST AID MEASURES

INHALATION: Remove to fresh air. Give oxygen or artificial respiration as needed. Get medical attention.

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SKIN CONTACT:	Product is not expected to present a significant skin hazard under anticipated conditions of normal use.
EYE CONTACT:	Immediately rinse eyes with clean water for 20-30 minutes. Retract eyelids often. Obtain medical attention if pain, blinking, tears or redness persist.
INGESTION:	If swallowed, give a pint of luke warm water if victim is completely conscious and alert. If large quantities are consumer, induce vomiting. Get medical attention.
NOTE TO PHYSICIAN:	Not available

### 5. FIRE FIGHTING HAZARDS

FIRE AND EXPLOSION HAZARDS:	None
EXTINGUISHING MEDIA:	Foam, Dry Chemical, CO2, Alcohol Foam, Water Spray.
FIRE FIGHTING:	Self-contained breathing apparatus must be worn before entering any fire.
SENSITIVITY TO MECHANICAL IMPACT:	Not available
SENSITIVITY TO STATIC DISCHARGE:	Not available
FLASH POINT:	None
HAZARDOUS COMBUSTION PRODUCTS:	Not available

### 6. ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL RELEASE:	Prevent flow to sewers and public waters as it may contaminate said water. Restrict water usage to prevent slip/fall hazard. Soak up small spills with inert solids. Dike and recovery large land spills. Notify appropriate authorities if product enters any waterway.
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### 7. HANDLING AND STORAGE

STORAGE:	Store in tightly closed container, away from heat, spark, open flame, and strong oxidizing agents. Keep out of reach of children.
HANDLING:	Avoid skin and eye contact. Read and follow label instructions.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:	Not available
BIOLOGICAL LIMIT VALUES:	Not available
VENTILATION:	Normally none required. Mechanical exhaust as needed if mist in air.
EYE PROTECTION:	Splash proof goggles or chemical safety glasses. Provide full eye protection.
CLOTHING:	Wear proper clothing to minimize skin contact. Launder contaminated clothing before reuse. Do not wear clothing soaked with product.
GLOVES:	Rubber or plastic
PROTECTIVE MATERIAL TYPES:	Not available
RESPIRATOR:	Not required

### 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:		VAPOR PRESSURE:	<0.1
COLOR:	Colorless	VAPOR DENSITY:	2.6
PHYSICAL FORM:	Slightly viscous liquid	SPECIFIC GRAVITY (water=1.000):	1.00-1.00
ODOR:	Little to no	BULK DENSITY:	Not available
BOILING POINT:	Not available	WATER SOLUBILITY:	Complete
FREEZING POINT:	10°F	pH:	Unavailable
FLASH POINT:	Not available	VOLATILITY:	Not available
DECOMPOSITION POINT:	Not available		

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ODOR THRESHOLD:

Not available

COEFFICIENT OF WATER/OIL DISTRIBUTION: Not available

EVAPORATION RATE:

Slight

### 10. STABILITY AND REACTIVITY

REACTIVITY:

Stable

CONDITIONS TO AVOID:

Heat, spark, open flame

INCOMPATIBILITIES:

Strong alkalis, strong oxidizing agents.

HAZARDOUS DECOMPOSITION:

Carbon monoxide and other toxic vapors.

POLYMERIZATION:

Not expected to occur

### 11. TOXICOLOGICAL INFORMATION

Propylene Glycol:

IRRITATION DATA:

Not available

TOXICITY DATA:

Not available

CARCINOGEN STATUS:

None under OSHA, IARC or NTP.

### 12. ECOLOGICAL INFORMATION

ECOTOXICITY DATA:

Not available

ALGAL TOXICITY:

Not available

FATE AND TRANSPORT:

Not available

BIODEGRADATION:

Not available

PERSISTENCE:

Not available

BIOCONCENTRATION:

Not available

OTHER ECOLOGICAL INFORMATION:

Not available

### 13. DISPOSAL CONSIDERATIONS

Dispose of according to Federal, State and local regulations. Product contains no listed hazardous wastes.

### 14. TRANSPORT INFORMATION

U.S. DOT 49 CFR 172.101:

PROPER SHIPPING NAME:

NON-REGULATED MATERIAL

ID NUMBER:

Not applicable

HAZARD CLASS OF DIVISION:

Not applicable

PACKING GROUP:

Not applicable

LABELING REQUIREMENTS:

Not applicable

CANADIAN TRANSPORTATION OF DANGEROUS GOODS:

SHIPPING NAME:

NON-REGULATED MATERIAL

UN NUMBER:

Not applicable

CLASS:

Not applicable

PACKING GROUP/RISK GROUP:

Not applicable

### 15. REGULATORY INFORMATION

U.S. REGULATIONS:

CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR 302.4):

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.30):

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SARA TITLE III SARA SECTIONS 311/312 HAZARDOUS CATEGORIES (40 CFR 370.21):

ACUTE: NO  
CHRONIC: NO  
FIRE: NO  
REACTIVE: NO  
SUDDEN RELEASE: NO

SARA TITLE III SECTION 313 (40 CFR 372.65):

OSHA PROCESS SAFETY (29 CFR 1901.119):

OTHER U.S. REGULATIONS:

STATE REGULATIONS:

California Proposition 65:

NEW JERSEY WORKER AND COMMUNITY RIGHT TO KNOW:

REPORTING REQUIREMENT:

(LIST CHEMICAL, CAS NUMBER, PERCENTAGE)

SPECIAL HEALTH HAZARD SUBSTANCE LIST:

(LIST CHEMICAL, CAS NUMBER, PERCENTAGE)

PENNSYLVANIA RIGHT TO KNOW:

REPORTING REQUIREMENT:

(LIST CHEMICAL, CAS NUMBER, PERCENTAGE)

CANADIAN REGULATIONS:

WHMIS CLASSIFICATION:

NATIONAL INVENTORY STATUS:

U.S. INVENTORY (TSCA):

TSCA 12(b) EXPORT NOTIFICATION:

CANADA INVENTORY (DSL/NDL):

### 16. OTHER INFORMATION

NFPA RATINGS (SCALE 0-4): HEALTH= 0 FIRE= 1 REACTIVITY= 0 C

HMIS RATINGS (SCALE 0-4): HEALTH= 0 FIRE= 1 REACTIVITY= 0 C

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