

WEST PROPYLENE GLYCOL

ADDITIVE, ANTI-FREEZE

WEST PROPYLENE GLYCOL prevents ice formation for agricultural, horticultural and other industries.

WEST PROPYLENE GLYCOL will decrease the freezing point of liquid solutions. Can be added to disinfectant, sanitizer or detergent solutions.

FEATURES AND BENEFITS

- User safe
- Non-corrosive
- Odourless
- Not affected by pH variations
- Chemically stable



DIRECTION FOR USE

General use

Concentration

Direction for use

Table for mixing **GLUQUAT 2** and **WEST PROPYLENE GLYCOL**

Concentration

| FREEZING POINT | | | | | | | | |
|---|-----------|----|----|----|-----|-----|-----|-----|
| % WEST PROPYLENE GLYCOL / Solution | By mass | 0 | 10 | 20 | 30 | 40 | 50 | 60 |
| | By volume | 0 | 10 | 19 | 29 | 40 | 50 | 60 |
| Temperature | °F | 32 | 26 | 18 | 7 | -8 | -29 | -55 |
| | °C | 0 | -3 | -8 | -14 | -22 | -34 | -48 |

Prepare a solution of **GLUQUAT 2** at the required concentration according to temperature. Add the required quantity of **WEST PROPYLENE GLYCOL**.

| 1 litre of GLUQUAT 2 solution | WEST PROPYLENE GLYCOL volume | Temperature | |
|---|-------------------------------------|-------------|-----|
| ml of GLUQUAT 2 per litre of water | | °C | °F |
| 4.5 to 10 | 112 ml | -3 | 26 |
| 5.0 to 11 | 250 ml | -8 | 18 |
| 6.0 to 12 | 429 ml | -14 | 7 |
| 7.0 to 13 | 667 ml | -22 | -8 |
| 8.0 to 14 | 1000 ml | -34 | -29 |
| 10.0 to 15 | 1500 ml | -48 | -55 |

WEST PROPYLENE GLYCOL ADDITIVE, ANTI-FREEZE

PHYSICAL PROPERTIES

| | |
|-------------------------------------|-------------------------|
| Appearance | Clear, colorless liquid |
| Odour | Odorless |
| Specific gravity @ 20°C | 1.03 |
| Viscosity | Not available |
| pH | Not applicable |
| Flash point (TCC) | None |
| Water solubility | Complete |
| Auto ignition temperature | > 400°C |
| Chlorine | None |
| Boiling point | 184°C |
| Freezing point | -20°C |
| Foaming tendency | Non-foaming |
| Concentration monitoring techniques | Not applicable |
| Rinsing | Excellent |

INCOMPATIBILITY

Strong oxidizers

WAREHOUSING PRECAUTIONS

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

AVAILABLE SIZES

| | | | |
|---|---|---|---|
|  |  |  |  |
| 4 X 4L | 20L | 205L | 1000L |



IMPORTANT

Before using **WEST PROPYLENE GLYCOL**, always be sure to read and follow precautions and directions for use appearing on the product's container label, and on the safety data sheet (S.D.S).

FIRST AID MEASURES

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.

PERSONAL PROTECTION

WHMIS



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