

## **TECHNICAL DATA SHEET**

### **KRIOPLUS**

| DESCRIPTION                                                                                        |
|----------------------------------------------------------------------------------------------------|
| <b>CHEMICAL NAME:</b> Polyethylene glycol<br><b>CAS No.:</b> 25322-68-3<br><b>EC n°:</b> 500-038-2 |

#### **ANALYTICAL DATA**

| ANALYSIS DESCRIPTION | NOTE                                       | MAX MIN TIP | VALUE   | TOLERANCE   | U.M. | ANALYTICAL METHOD | RESULT      |
|----------------------|--------------------------------------------|-------------|---------|-------------|------|-------------------|-------------|
| ASPECT               | Clear liquid free from suspended particles |             |         |             |      | CQ03              | CONFORMABLE |
| APHA COLOR           |                                            | MAXIMUM     | 35,0000 |             |      | CQ10              | 15,0000     |
| UMIDITA'             |                                            | MAXIMUM     | 0,5000  |             |      | CQ02              | 0,1292      |
| pH SOLUZ. 5%         |                                            |             | 5,7500  | +/- 1,7500  | %    | CQ11              | 6,0000      |
| HYDROXYL N° MGKOH/GR |                                            |             | 281,000 | +/- 14,0000 |      | CQ120             | 273,0000    |

| STATEMENTS                                                                                  |
|---------------------------------------------------------------------------------------------|
| Substance derived from synthetic processes, free from GMO products or BSE/TSE risk.         |
| FURTHER INFORMATION                                                                         |
| NON VOC product according to the Consolidated Environmental Act Legislative Decree 152/2006 |

THE PRODUCT EXERTS A PHYSICAL ACTION OF OSMOPROTECTION ON THE PLANT, allowing to overcome the temperature stresses, in the case of lowering of temperatures (-4 ° / -5 ° C).

## **DOSES AND USE**

#### **TREE CROPS:**

- 1) Foliar treatment at a dose of 500-800 ml in 100 l of water, spray 48-24 hours before the climatic event. The action of the product has effect for 5-7 days; If after 7 days the forecasts of a lowering of temperatures recur, apply again at the same dose and in the same way. Dose per Ha 3 l.
- 2) Foliar treatment combined with antifreeze irrigation over the leaf; use the dose of 15 kg/Ha, always with the same application rules of case 1.
- 3) On early varieties it is recommended to make a preventive swollen bud treatment at a dose of 500-800 ml in 100 l of water and repeat it at 20% of open flowers. Slight drops in temperature can cause damage during flowering.

Dose per Ha 3-4 l.

#### **VEGETABLE CROPS IN OPEN FIELD:**

Foliar treatment at a dose of 400-600 ml in 100 l of water 24 hours before the possible occurrence of the climatic event. The effectiveness remains at 100% for 3 days, and then decreases, so if the conditions are repeated after 5 days from the first application it is advisable to apply the product again, at the same dose.

Dose per Ha 3 l.

#### **PROTECTED CROPS:**

Foliar treatment in the coldest periods at a dose of 300-500 ml in 100 l of water and repeat every 7 days. With this precaution, better conditions are established for all physiological activities of the plant.

Dose per Ha 2-3 l.

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