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### **Product Data Sheet**

**Name:** XEDOL 20 (OPP).

**Content:**

Emulsifiable concentrate containing 20 % of Orthophenylphenol (OPP)

**Use:**

XEDOL 20 is a solution of Orthophenylphenol destined to the fungicide and bactericide treatment of fruit in post harvest against several types of decays.

**Protected Crops:**

Post-Harvest treatment of fruit and vegetables against many funguses and bacteria and specifically: Penicillium, Botrytis, Fusarium, Monilia, Diplodia, Phoma, Geotrichum, Rhizopus, and Erwinia.

**Purpose:**

OPP, thanks to its wide spectrum of activity against many funguses and bacteria, gives a good protection against decay on stored fruit and vegetables.

**Physical-Chemical Characteristics:**

Appearance:	White-yellowish liquid
Specific gravity:	1.029 ± 0.007
pH(1:100):	7.3 ± 0.5

**Active Ingredient:**

Orthophenylphenol (OPP) C<sub>6</sub>H<sub>5</sub> - C<sub>6</sub>H<sub>4</sub>OH

**Characteristics of Active Ingredient:**

Appearance:	White crystals
Insoluble in water	
Soluble in many organic solvents	
Boiling Point:	275°C at 2mm Hg
Melting point:	56°C
LD 50 on rat by ingestion:	approximately 3000 mgr/ kg, low toxicity.

**Principle of the Method:**

This formulation based on OPP, a chemical world-wide known fungicide for its activity against many funguses causing decay on stored fruit and vegetables, is emulsified into the water used for drenching or dumping the fruit.

**Application Rate:**

For all fruit: 1 Kg. of XEDOL 20 per 100 liters of water at room temperature, and 0,5 Kg. at 50° C.  
Contact time between fruit and solution: 0,5-2 minutes.

**Application Method:**

- Dilute XEDOL 20 with water in drencher or in the treatment vat.
- To insure that the product is homogeneously mixed in the water, turn on the recycling pumps for a few minutes before the commencement of treatment.
- 3000 liters solution can be used for a maximum of 100 metric tons of fruit in case of drencher ; 2000 liters solution can be used for a maximum of 300 metric tons of fruit in case of hot water unit.
- Clean de vat after draining to eliminate all the debris left after the treatment.

**Safety rules:**

Avoid inhalation and ingestion.

If product comes in contact with skin or eyes, wash immediately and abundantly with water.

If sickness develops, consult a physician, showing him the label on corresponding product container.

Store sealed in original packaging, out of reach of children.

**Recommendations:**

In order to obtain the best results, strictly follow the instructions contained in these data sheets and on the packaging label, which are both in accordance with the vigorous legislation inherent to the use of all phytosanitary products, and are modeled after the results of official and private experimentation.

These results of the activity of XEDOL 20, despite always being constant in our experimentations, are not an absolute guarantee against all fruit deterioration during storage, (fruit decay). Agro-technical factors, the degree of fruit maturity, and the storage conditions of the fruit play a main role in the development of decay.

Thus, Xeda rejects any liability concerning the consequences of this use, granting only the supply of specialties legally registered and corresponding to the formula appearing on the container.

**Packaging and Storage:**

5 Kg. net can, to be stored at a temperature between 1° C and 40° C. A shelf life up to 5 years will be assured in case the sealed container is stored in the respect on these recommendations.