

## **Production process of : Natural fertilizer Megagreen**

**Composition:** Activated and micronized natural mineral calcite 100%  
**Source of ingredients:** Samoborka d.d., Samobor

### **Tehnological processing phases:**

#### **Sieving :**

Calcite is sieved through the sieve (diametar of 3,5 mm) on the receiving funnel of the device for the tribomechanical activation («activator»), for the purpose of eliminating mechanical waste.

#### **Activation of calcite :**

From receiving funnel the material is transported through the worm conveyors into the activator. The dosing intensity is being adapted according to previously defined optimal work regime. In the system cyclon- ventilator –filter the material is air-blowned and with air it is transported to the silo for the final product.

#### **Sieving :**

Material is sieved through the sieve (diametar of 200 µm). Materials with granulations larger than 200 µm are returned for another activation process and the sieved materials are transported through the worm conveyors onto the packing area.

#### **Packing :**

Material is packed into PEHD bottles of 0,5 kg and 1 kg or into the PVC and natron bags of 10 kg, 15 kg and 20 kg sizes. Appropriate labels are put on filled and closed bottles and bags. The finished product is put on the palets and transported to the finished production warehouse.