



**PRODUCT SPECIFICATION**

PRODUCT:	PLASTIC SULFUR DIOXIDE GENERATOR OSKU HELLAS
NAME:	OSKU HELLAS
TYPE:	52 x 35 [cm] ( covered with Non - Wovens)
USE:	40 x 60 [cm] Box
EPA Registration N°:	56799-3
DPR California Registration N°:	56799-3-AA

DIMENSIONS :	52 x 35	[cm]			<b>OBSERVATIONS</b>  These generators are manufactured in Chile by OSKU S.A. and are Sulfur Dioxide releasing devices which are utilize to preserve packed grapes from rotting caused by the fungi <b>Botrytis cinerea</b> .  Put the non printed side of the generator in the direction of the grapes.
ACTIV INGREDIENT :	Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub>	73.5%			
INERTS :		26.5%			
DOSIFICACION (Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> ) :	6.0 ± 7%	[g]	Origin	U.S.A	

**Characteristics**

The process use is called Wet Lamination, the sheets are joined while the adhesive is still wet.  
 The Na<sub>2</sub>S<sub>2</sub>O<sub>5</sub> is dispersed in the adhesive.  
 The sheets are designed with the apropiate barrier to release the necessary amount of SO<sub>2</sub> during grapes storage.

**RAW MATERIALS**

**1. Na<sub>2</sub>S<sub>2</sub>O<sub>5</sub>**  
 Food grade Na<sub>2</sub>S<sub>2</sub>O<sub>5</sub> dispersed in the adhesive.  
 This raw material fulfils the purity criteria for food additives set by Directive 96/77/EU, the Joint (FAO/WHO) Expert Committee on Food Additives (JECFA) in the Codex Alimentarius as well as the one contained in the Food Chemical Codex 2004 5th edition, FCC V.

**2. PLASTIC SHEETS**  
 Low Density Polyethylene complies with requirements for Food Administartion (FDA) Code of Federal Regulations (CFR) Title 21, Chapter 1, Section 177.1520 (C) 2.1 + 2.2.

BARRIERS	Dimensions [cm]	Thickness [μm]	Print	Weight [g]
COEXTRUSION (upper sheet)	52 x 35	80	YES	13,45
COEXTRUSION (down sheet)	52 x 35	40	NO	6,73
PRINT COLOUR :	Black			

3. NON - WOVENS	Dimensions [g/m <sup>2</sup> ]	Print	Weight [g]
	52 x 35	NO	2,73

**4. ADHESIVE**  
 ADCOTE™ 331 (Rohm and Haas Co. USA)  
 This adhesive complies with requirements for Food Contact Applications regulated by USA's Food and Drug Administration (FDA) Code of Federal Regulations (CFR) Title 21, FDA 175.105; 2004/19/EC (Europe) and BfR XXVIII (Germany).

**Total Weight :** 31,0 [g] ± 7%

**PACKING**

UNITS / CASE :	250	units
BAGS / CASE :	1	units
CASE DIMENSIONS:	520 x 350 x 155	[mm] ( Lenght; Wide; High )
PALLET ( DIMENSIONS ) :	1620 x 1120x150	[mm] ( Lenght; Wide; High )
CASES / PALLET :	70	units

The bags which contains these generators are made in a thickness of 100 [μm].

**DIRECTION FOR USE**

1. These generators should never come in direct contact with table grapes, use some barrier between generator and grapes.
2. Do not use defective generators e.g. torn generators.
3. These generators may be used on the top of the boxes.
4. These generators are designed to release the correct SO<sub>2</sub> amount at a temperature between 0 - 2 °C.
5. The use of these generators with higher temperatures will cause grapes damages (bleaching).
6. Remove the generator from case before display of grapes for sale or after removal of container from retail store refrigeration facilities.

**WARNINGS**

Keep this product dry in a tightly closed container, when not in use.  
 Store in a cool, dry and well ventilated are, away from heat and flame.  
 In case of decomposition, isolate container and flood area with large amounts of water to dissolve all material before discarding this container.  
 Keep out of reach of children.