

Manufactured by



**Maz-Zee** S.A. International



ORGANIC PRODUCTS DIVISION

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# MATERIAL SAFETY DATA SHEET

Essentially Similar to OSHA - 20 Form U.S. Dept. of Labor

## SECTION I. IDENTIFICATION OF PRODUCT

**Product Name:** SUN★SHIELD ORGANIC CLIMATE CONTROL CONDITIONER PRO-POLYMER  
SUN-SCREEN COATING

**Chemical Family:** ORGANIC PLANT VEGETATION EXTRACTS

**Chemical Name and Synonyms:** MESA PPE-114 ORGANIC MICRO ACRELECTIC PRO-POLYMER COATING.

**Formula:** SUN★SHIELD: IS A SCIENTIFIC ORGANIC COMPOUND FORMULATED AS AN AIDE TO HELP PROTECT ALL AGRICULTURAL CROPS FROM HEAT AND SUN-BURN DAMAGE.

## SECTION II. INGREDIENTS

Ingredient	%	TLV	Units
ACTIVE INGREDIENTS ORGANIC Co-POLYMER . . . . .	PPE-114	(USP)	(FOOD-GRADE)
CONJUGATED ORGANIC POLYPEPTIDES ENZYMES . . . . .	25.00%	(USP)	(FOOD-GRADE)
ACRYLECTIC (CPE) ORGANIC ENZYMES & PROTEIN . . . . .	30.00%	(USP)	(FOOD-GRADE)
AMINO ACIDS ORGANIC ENZYMES . . . . .	30.00%	(USP)	(FOOD-GRADE)
INERT INGREDIENTS ORGANIC ENZYMES . . . . .	15.00%	(USP)	(FOOD-GRADE)

## SECTION III. PHYSICAL DATA

<b>Boiling Point, °F:</b> 14.7 PSIG APPR. .232	<b>Specific Gravity H<sub>2</sub>O=1):</b> 25c / 1.018
<b>Vapor Pressure, 20°C, MM:</b> MM HG: N/A	<b>Percent Volatile (by volume):</b> 105c / 1-Hour 82%
<b>Vapor Density (Air=1):</b> 60-90 F N/A	<b>Evaporation Rate (Ether=1):</b> None
<b>Solubility in Water:</b> WATER SOLUBLE	
<b>Appearance and Odor:</b> SWEET AROMA LIGHT, GREEN COLOR LIQUID	

## SECTION IV. FIRE AND EXPLOSION HAZARD DATA

**Flash Point, °F:** NONE (method used) WITH WATER      **Flammable Limits in Air, % LEL:** NONE    **UEL:** NONE

**Extinguishing Media:** NON-FLAMMABLE

**Special Fire Fighting Procedures:** NON-FLAMMABLE

**Unusual Fire and Explosion Hazards:** NON-FLAMMABLE

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## SECTION V. HEALTH HAZARD DATA

Threshold Limit Value: CAUTION: KEEP OUT OF REACH OF CHILDREN.  
Effects of Overexposure: AVOID CONTACT WITH EYES, MAY CAUSE MINOR EYE IRRITATION OVER LONG PERIODS OF TIME. PRODUCT IN CONCENTRATED FORM ONLY.  
Emergency & First Aid Procedures: EYES-IN CASE OF CONTACT WITH EYES, FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES.

## SECTION VI. REACTIVITY DATA

Unstable: NONE      Stable: STABLE      Conditions to Avoid: PAST 18 MONTHS STORAGE LIMIT  
Incompatibility (Materials to Avoid): DO NOT MIX WITH OTHER CHEMICALS THAT ARE NOT WATER SOLUBLE OR INTER-MIXABLE. READ ALL INSTRUCTIONS ON LABEL BEFORE MIXING WITH OTHER CHEMICAL PRODUCTS.  
Hazardous Polymerization: May Occur ( )      Will Not Occur (X)      Conditions To Avoid: DO NOT LET MIXED PRODUCTS SET OVER NIGHT, MUST BE USED THE SAME DAY.

## SECTION VII. SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled: WASH WITH WATER. THIS PRODUCT IS WATER SOLUBLE, BIODEGRADABLE, NON-POLLUTING, NON-TOXIC TO WATER AND SOIL, ROOTS AND PLANTS. THROUGH SYSTEM RESIDUES ARE NOT A PROBLEM, THIS IS AN ORGANIC PRODUCT.  
Waste disposal method: SAFE TO WASH INTO WASTE SYSTEMS

## SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type):  
Ventilation: Local Exhaust (NONE)      Mechanical (General) ( )      Special ( )      Other  
Protective Gloves: NONE      Eye Protection: IF NEEDED  
Other Protective Equipment:

## SECTION IX. SPECIAL PRECAUTIONS

Precautions to be taken in handling or storing: STORE AT ROOM TEMPERATURE, DO NOT STORE UNDER DIRECT SUNLIGHT FOR LONG PERIOD OF TIME.  
Other Precautions: NONE