

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: FROST★SHIELD ORGANIC CLIMATIC CONDITIONER PRO-POLYMER
FROST-SCREEN COATING

Chemical Family: ORGANIC PLANT VEGETATION EXTRACTS

Chemical Name and Synonyms: MESA PP-011 ORGANIC MICRO ACRELETIC POLYMER COATING

Formula: FROST★SHIELD: IS A SCIENTIFIC ORGANIC COMPOUND FORMULATED AS AN AIDE TO HELP PROTECT ALL AGRICULTURAL CROPS FROM FREEZE AND FROST DAMAGE.

SECTION II. INGREDIENTS

Ingredient	%	TLV	Units
ACTIVE INGREDIENTS ORGANIC Co-POLYMER	PP-011	(USP)	(FOOD-GRADE)
CONJUGATED ORGANIC HOMO PRO-POLYMER POLYPEPTIDES ENZYMES.	30.00%	(USP)	(FOOD-GRADE)
ACRYLECTIC (CPP) ORGANIC PROTEIN	25.00%	(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

Boiling Point, °F: 14.7 PSIG APPR. .232

Vapor Pressure, 20°C, MM: MM HG: N/A

Vapor Density (Air=1): 60-90 F N/A

Solubility in Water: WATER SOLUBLE

Appearance and Odor: SWEET AROMA LIGHT,
BLUE COLOR LIQUID

Specific Gravity H₂O=1: 25c / 1.018

Percent Volatile (by volume): 105 / 1-Hour 82%

Evaporation Rate (Ether=1): None

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 A DAY, MUST BE USED THE SAME NIGHT.

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