

MATERIAL SAFETY DATA SHEET

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SECTION I – GENERAL INFORMATION

TRADE NAME	SPROUT STOP
CHEMICAL NAME	Potassium Salt of Maleic Hydrazide
CHEMICAL FAMILY	Maleic Hydrazide (Pyridazine) (PGR)
EPA REG. NO.	19713-2
SIGNAL WORD	CAUTION

SECTION II – INGREDIENTS (Class = H (Hazardous), NH (Non-Hazardous))

<u>NAME</u>	<u>CAS NO.</u>	<u>% (by wt.)</u>	<u>TLV</u>	<u>CLASS</u>
Potassium Salt of Maleic Hydrazide	123-33-1	30.20	N/A	NH
Inerts	N/A	69.80	N/A	NH

SECTION III – PHYSICAL DATA

<u>Boiling Point</u>	220°F	<u>Specific Gravity</u>	1.19 gms/cc
<u>Vapor Pressure</u>	Negligible	<u>% Volatiles</u>	N/A
<u>Vapor Density</u>	N/A	<u>Solubility in Water</u>	Complete
<u>pH</u>	7-8	<u>Appearance/Odor</u>	Yellow solution, no odor.

SECTION IV – FIRE & EXPLOSION DATA

Flash Point	Non-Combustible (>200°F)
Extinguishing Media	Water, fog, foam, carbon dioxide or dry chemical
Fire Fighting Procedures	Protect against inhalation of combustion products. Assure self contained breathing apparatus is worn.

SECTION V – REACTIVITY DATA

Stability	Stable
Conditions to Avoid	Excessive heat, acids
Incompatibility	Do not mix with spray solutions without label clearance.
Hazardous Decomposition Products	Oxides of carbon and nitrogen
Hazardous Polymerization	Will not occur.

SECTION VI – HEALTH HAZARD DATA

Carcinogenicity	N/A
Toxicity Data	Oral LD50 (Rat) = >5,000 mg/kg Dermal LD50 (Rabbit) >5,000 mg/kg
TLV	N/A
N.F.P.A.	Health: 2, Fire: 0, Reactivity: 0 (Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure	Eye and skin irritation. Moderately toxic by ingestion.

SECTION VII – EMERGENCY PROCEDURES

If in Eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious or convulsing person.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill
Mop up spills on hard surfaces and transfer to original container. Prevent from entering waterways. Assure that protective clothing is worn.

Waste Disposal Method
Dispose of in accordance with Local, Federal, and State Regulations.

SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection	NIOSH approved respirator
Ventilation	Local exhaust recommended
Protective Gloves	Chemical-resistant
Eye Protection	Chemgoggles
Other	Long-sleeved shirt and long pants, shoes plus socks.

SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage
KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.
Causes moderate eye irritation. Harmful if swallowed, absorbed through skin or inhaled. Avoid contact with eyes, skin or clothing. Avoid breathing dust, vapor or spray mist.

D.O.T. Description	Non-Regulated
Freight Description	Plant Growth Regulator Modifier and Inhibitor, Liquid, N.O.S.
Reportable Quantity	N/A
F R G	171

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