

# MATERIAL SAFETY DATA SHEET

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Emergency Telephone No.

1-800-424-9300 (ChemTrec)

## SECTION I – GENERAL INFORMATION

TRADE NAME: **SPROUT-STOP 80EG**  
CHEMICAL NAME: Potassium Salt of Maleic Hydrazide  
CHEMICAL FAMILY: Maleic Hydrazide (Pyridazine)  
EPA REG. NO.: 19713-372  
SIGNAL WORD: CAUTION

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

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Maleic Hydrazide In potassium salt form	28382-15-2	80.0	5mg/m <sup>3</sup>	NH
Inerts	N/A	20.0	N/A	NH

## SECTION III – PHYSICAL DATA

Boiling Point: N/A      Specific Gravity: Approx. 36 lbs/ft<sup>3</sup>  
Vapor Pressure: N/A      % Volatiles: N/A  
Vapor Density: N/A      Solubility in Water: Complete  
pH: 9.5-10.5      Appearance/Odor: Light tan granule,  
no odor

## SECTION IV – FIRE & EXPLOSION DATA

Flash Point: N/A  
Extinguishing Media: Water, fog, foam, carbon dioxide or dry chemicals  
Fire Fighting Procedures: Assure self-contained breathing apparatus is worn. Use minimal water to prevent runoff. Stay upwind.

## SECTION V – REACTIVITY DATA

Stability: Stable  
Conditions to Avoid: Excessive heat and acids  
Incompatibility: Do not mix with other chemicals 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) = 7,800 mg/kg  
Dermal LD50 (Rat) = >5,000 mg/kg  
TLV: 5mg/m<sup>3</sup>  
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 irritant. Moderately toxic by ingestion.

## SECTION VII – EMERGENCY PROCEDURES

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 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 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. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

## SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill  
Assure protective clothing is worn. Pick up spills and transfer to a suitable container. Prevent spills from entering waterways by diking with absorbent clay.  
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  
Protective Gloves: Waterproof  
Eye Protection: Chemgoggles  
Other: Long-sleeved shirt and long pants and shoes plus socks

## SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage  
KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.  
Store material in original containers. Keep away from excessive heat or flame. Avoid contact with skin and eyes.  
D.O.T. Description: Non-Regulated  
Freight Description: Agricultural Growth Regulator, Solid, N.O.S., >5,000 lbs. Regulated.  
Reportable Quantity: 5,000 lbs.  
E.R.G. Guide Sheet: 171

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