

GRANT LABORATORIES, INC.  
MATERIAL SAFETY DATA SHEET

**I. General Information**

**Product Name:** GRANT'S Stump Remover  
**Chemical Name:** Potassium Nitrate

**Manufacturer:** GRANT LABORATORIES, INC.  
**Manufacturer's Address:** 14688 Washington Ave.  
San Leandro, CA 94578

**II. Ingredients**

<b>Principal Components:</b>	<b>Percent</b>	<b>Threshold Limit Value</b>
Potassium Nitrate	98%	(units) N/A
Cas No. 7757-79-1		

**III. Physical Data**

<b>Boiling Point:</b> N/A	<b>Boiling Point:</b> N/A
<b>Flash Point:</b> N/A	<b>Solubility:</b> Disperses
<b>Density/Specific Gravity:</b> 24 lb./cu. Ft.	<b>Appearance:</b> Off White Dust
<b>Vapor Pressure:</b> Nil mm Hg	<b>Odor:</b> Earthy
<b>Vapor Density:</b> N/A	

**IV. Fire & Explosion Hazard Data**

<b>Flash Point:</b> Non flammable	<b>Special Fire Fighting Procedures:</b> Self contained air supply to protect from oxides of nitrogen
<b>Flammable Limits:</b> Lel: N/D UEL: N/D	<b>Unusual Fire &amp; Explosion Hazards:</b> Noxious fumes may form...oxides of nitrogen
<b>Extinguishing Media:</b> Non flammable	

**V. Health Hazard Data**

**Routes of Entry:** INHALATION: Irritating SKIN: Not hazardous  
**Ingestion:** Low toxicity  
**Health Hazards** (acute and chronic): Oral ingestion: Low toxicity. Ingestion of large quantities may cause nitrate poisoning. LD 50 unknown.  
**Eye Contact:** May cause mild irritation and burn  
**Skin Contact:** Normally not hazardous  
**Skin Absorption:** Not known to be absorbed through the skin  
**Inhalation:** Dust may be irritating  
**Carcinogenicity:** ntp: Negative Larc monographs: Negative **OSHA Regulated:** Not regulated  
**Signs and Symptoms of Exposure:**  
Small Amounts: Weakness, general depression, headache and metal impairment.  
Large Amounts: Dizziness, abdominal cramps, vomiting, bloody diarrhea, weakness, convulsions and collapse  
**Medical Conditions Generally Aggravated by Exposure:** None known  
**Oral Ingestion:** Give large quantities of water and induce vomiting. Seek medical attention.  
**Eye Contact:** Flush immediately with continuous irrigating of flowing water for at least thirty minutes. Seek medical consultation if irritation persists.

**Skin Contact:** Promptly wash skin with plenty of soap and water for at least fifteen minutes while removing contaminated clothing. Wash before re-use.

**Inhalation:** Remove to fresh air if effects occur. Consult physician.

## VI. Reactivity Data

**Stability:** Stable at normal use and storage

**Incompatibility:** Corrosive to metals

**Conditions to Avoid:** Fire conditions

**Decomposition By-Products:** Oxides of nitrogen

**Hazardous Polymerization:** Will not occur. No known conditions to avoid.

## VII. Environmental Protection Procedures

**Spill Response:**

1. Isolate area. Keep pets, people away. Ventilate area. Eliminate fire sources.
2. Wear protective gloves. Provide ventilation. Sweep into pile and transfer to a suitable container. Sweep toward the middle of the pile.
3. If spilled on hard surface, wash surface with warm water and mild detergent.
4. Discard unusable packaging in accordance with local, state and federal regulations. Wash exposed clothing separately.

## VIII. Special Protection Information

**Handling and Storage:** Store this product in its original container and keep in locked storage area out of reach of children and domestic animals, away from food and feed.

Do not reuse container. Securely wrap container in several layers of newspaper and discard in trash.

Wash thoroughly after handling and before eating or smoking.

Rinse equipment thoroughly with water after using.

**Other Precautions:** NOTICE: The information contained herein is offered only as a guide to the handling of this specific material. Any person using this information must determine for himself its suitability for any particular application. The user assumes all risk and liability of use, storage and/or handling of this product not in accordance with the terms of the product label.