

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

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

III. Physical Data

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

IV. Fire & Explosion Hazard Data

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