
Section 1 - Product and Company Identification

Product Identifiers:

Product Name: Spectracide Stump Remover Granules
EPA Registration Number: N/A
Product Use: Stump Remover Granules

Details of the Supplier of the Safety Data Sheet:

Manufacturer/Supplier: Chemsico
8494 Chapin Industrial Dr.
St. Louis, MO 63114



For product information or medical emergencies: 1-800-917-5438

Section 2 - Hazards Identification

Conforms to Hazard Communication Standard 29 CFR 1910.1200.

GHS Classification of Substance or Mixture: Oxidizing solid – Potassium nitrate

GHS Label Elements:

Hazard pictogram(s):  

Signal word: WARNING

Hazard statements:

- May intensify fire; oxidizer
- Harmful if swallowed

Precautionary Statements:

- Keep away from heat. Store away from combustible materials. Take any precaution to avoid mixing with combustibles. Wear protective gloves. In case of fire: Use water fog, foam, CO₂ or dry chemical to extinguish.
- Wash thoroughly with soap and water after handling. Do not eat, drink or smoke when using this product. If swallowed: Give one or two glasses of water or milk and call a physician.

Section 3 - Composition / Information on Ingredients

Chemical Name	CAS#	Weight Percent
Potassium nitrate	7757-79-1	100.0%

Note: Ingredients not identified are proprietary or non-hazardous. Values are not product specifications. No reportable quantities of hazardous ingredients are present per OSHA 29 CFR 1910.1200. No toxic chemical(s) subject to reporting requirements of Section 313 of Title III and 40 CFR 372 are present.

Section 4 - First Aid Measures

Eye contact: No special requirements

Skin contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation:	No special requirements
Ingestion:	Call a poison control center or doctor immediately for treatment advice. Have person sip 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 person.
Notes to physician:	None
General advice:	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Keep out of reach of children.

Section 5 - Fire Fighting Measures

Flammable properties:	Not flammable by OSHA criteria.
Suitable extinguishing media:	Water fog, foam, CO ₂ , dry chemical
Unsuitable extinguishing media:	Not available
Specific hazards arising from the chemical:	Container may melt and leak in heat of fire. Do not allow run-off from firefighting to enter drains or water courses. This material increases the risk of fire and may aid combustion. Contact with combustible material may cause fire.
Protective equipment for firefighters:	Firefighters should wear full protective clothing including self-contained breathing apparatus.
Hazardous combustion products:	None known
Sensitivity to mechanical impact:	None known
Explosion data:	Not available
Sensitivity to static discharge:	Not available
Personal precautions:	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

Section 6 - Accidental Release Measures

Personal precautions:	Remove all sources of ignition. Vapors can accumulate in low areas. Wear personal protective equipment. Wash thoroughly after handling.
For emergency responders:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.
Environmental precautions:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Methods for containment and cleaning up:	Stop leak if without risk. Move containers from spill area. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with earth, sand or absorbent material swept up and placed in suitable, covered, and labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency

services and supplier for advice. Never return spills in original containers for re-use.

Section 7 - Handling and Storage

Precautions for safe handling: Put on appropriate personal protective equipment (see Section 8). Do not use near heat, open flame or any other ignition source. Take measures to prevent the buildup of electrostatic charge. Avoid contact with skin, eyes and clothing. Use an appropriate respirator when adequate ventilation is not available. Avoid breathing vapors or spray mists of the product.

Storage: Store product in a cool, dry place, out of reach of children. Keep container closed when not in use. Keep away from food, drink and animal feedingstuffs. Keep tightly closed. Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

Section 8 - Exposure Controls / Personal Protection

Exposure guidelines:

Components with Occupational Exposure Limits						
		Exposure Limits				
		OSHA PEL		ACGIH TLV		Supplier OEL
Chemical name		ppm	mg/m ³	ppm	mg/m ³	ppm mg/m ³
Potassium nitrate	TWA	Not listed		-----	5	Not listed

Engineering controls: General ventilation normally adequate.

Personal protective equipment:

Eye/Face protection: None required

Skin and body protection: Wear protective gloves. Wash hands thoroughly with soap and water after handling product.

Respiratory protection: Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice. When using, do not eat or drink. Wash hands before breaks and immediately after handling the product.

Section 9 - Physical & Chemical Properties

Appearance: White powder

Color: White

Physical state: Solid

Odor: Odorless

Odor threshold: No data available

pH: N/A

Melting point: 333.85°C

Freezing point: 333.85°C

Boiling point:	No data available
Flash point:	N/A
Evaporation rate:	Non-volatile
Flammability limits in air, lower, % by volume:	No data available
Flammability limits in air, upper, % by volume:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Bulk density:	78 lb/ft ³
Octanol/water coefficient:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Solubility:	31.6 g/100ml water at 20°C
% Volatile organic compounds:	0

Section 10 - Chemical Stability & Reactivity Information

Reactivity

Conditions to avoid:	Do not mix with other chemicals. Avoid excessive heating.
Incompatible materials:	Reactive with reducing agents, organic materials, acids. Slightly reactive with moisture.

Chemical stability

Product stability:	Stable under recommended storage conditions.
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Other

Hazardous decomposition products:	None known
Possibility of hazardous reactions:	Hazardous polymerization does not occur.

Section 11 - Toxicological Information

Primary eye irritation:	Non-irritating (EPA tox. category IV)
Primary skin irritation:	Non-irritating (EPA tox. category IV)
Acute dermal:	LD ₅₀ > 5000 mg/kg (EPA tox. category IV)
Acute inhalation:	LC ₅₀ > 2 mg/L (EPA tox. category IV)
Acute oral:	LD ₅₀ > 3000 mg/kg (EPA tox. category III)
Sensitization:	Not a skin sensitizer.
Chronic effects:	No data available
Carcinogenicity:	No data available
Mutagenicity:	No data available
Reproductive effects:	No data available
Teratogenicity:	No data available
Ecotoxicity:	No data available

Section 12 - Ecological Information

Environmental effects:	No data available
Aquatic toxicity:	None
Persistence / degradability:	No data available
Bioaccumulation / accumulation:	No data available
Partition coefficient:	No data available
Mobility in environmental media:	No data available
Chemical fate information:	No data available

Section 13 - Disposal Considerations

Waste codes:	Not available
Disposal instructions:	Dispose in accordance with all applicable regulations.
Waste from residues/unused products:	Not available
Contaminated packaging:	Not available

Section 14 - Transportation Information

U.S. Department of Transportation (DOT):	Potassium nitrate, 5.1, UN-1486, III, Limited Quantity
IATA:	Potassium nitrate, UN-1486, 5.1, III
IMDG:	Potassium nitrate, UN-1486, 5.1, III

Section 15 - Regulatory Information

29 CFR 1910.1200 hazardous chemical Occupational Safety and Health Administration (OSHA) :	No
CERCLA (Superfund) reportable quantity:	Not available

Hazard Categories

Superfund Amendments and Reauthorization Act of 1986 (SARA):

Immediate Hazard	No
Delayed Hazard	No
Fire Hazard	No
Pressure Hazard	No
Reactivity Hazard	No

Section 302 extremely hazardous Substance: No

Section 311 hazardous chemical: No

Clean Air Act (CAA): Not available

Clean Water Act (CWA): Not available

State regulations: None

Following is the hazard information as required on the label:

Signal word: WARNING

Precautionary statements: Contains Potassium nitrate. Harmful if swallowed. If swallowed, give one or two glass of water or milk and call a physician. Avoid contact with eyes, skin and clothing. Should contact occur, wash with plenty of water.

This product is toxic to fish and aquatic invertebrates and may adversely affect non-target plants. Drift or runoff may be hazardous to aquatic organisms in water adjacent to treated areas. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help ensure that wind or rain does not blow or wash pesticide off treatment area. Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage systems. This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

Notification status: All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

California Prop. 65: This product does not contain any chemicals known to the state of California to cause cancer, birth defects or any other reproductive harm.

Disclaimer: Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

SECTION 16 - OTHER INFORMATION

HMIS ratings: Health Hazard 1 Fire Hazard 0 Reactivity 0

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