



Product: STUMP REMOVER
EPA Reg. No.: N/A
Effective Date: 07/31/1996

MATERIAL SAFETY DATA SHEET
Emergency Phone 800/535-5053

Size	Product Number	UPC Code
16 oz.	40003	0 49424 40001 0

Note: Be sure to compare the EPA registration number as given on the MSDS with the EPA registration number as given on the label as some products have had the active ingredients changed without a corresponding change in the UPC number or in the item description.

1. INGREDIENTS:

Potassium Nitrate CAS No. 7757-79-1

2. PHYSICAL CHARACTERISTICS:

BOILING POINT: Decomp @ 75°
SPECIFIC GRAVITY: 2.11
MELTING POINT: 63°
EVAPORATION RATE: N/D
VAPOR DENSITY (Air = 1): N/A
SOLUBILITY: 31.6 g / 100 g @ 68°F
APPEARANCE AND ODOR: White to Buff Crystals, Odor

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: Non-Flammable
FLAMMABLE LIMITS: LEL: N/D UEL: N/D
EXTINGUISHING MEDIA: Non-Flammable
SPECIAL FIRE-FIGHTING PROCEDURES: Self contained air supply to protect from oxides of nitrogen.
USUAL FIRE AND EXPLOSION HAZARDS: Noxious fumes may form. Oxides of nitrogen

4. REACTIVITY DATA:

STABILITY: Stable in normal use and storage
CONDITIONS TO AVOID: Fire conditions
INCOMPATIBILITY: Corrosive to metals
DECOMPOSITION BYPRODUCTS: Oxides of nitrogen
HAZARDOUS POLYMERIZATION: Will not occur. No known conditions to avoid.

5. HEALTH HAZARD DATA:

ROUTE(S) 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. LD50 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: Negative
SIGNS AND SYMPTOMS OF EXPOSURE:
SMALL AMOUNTS: Weakness, general depression, headache and mental impairment.



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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 irrigation 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 clothing before reuse.

INHALATION: Remove to fresh air if effects occur. Consult physician.

6. PRECAUTION FOR SAFE HANDLING AND USE:

STEP TO BE TAKEN IN CASE MATERIAL

IS RELEASED OR SPILLED: Contain material pick-up material and store in plastic bags away from combustibles. Do not contaminate streams and water supplies.

WATER DISPOSAL METHOD: Dispose of in on-crop area, away from water supplies or in an approved landfill in accordance with State, Federal and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not get on skin, on clothing, or in eyes, keep out of reach of children. Store in dry place. Avoid storing with oxidizable materials.

OTHER PRECAUTIONS: Avoid breathing dust. Avoid contact with flammable materials.

7. CONTROL MEASURES

RESPIRATORY PROTECTION: None normally needed. Use dust mask if conditions warrant.

VENTILATION: Recommended to control dust.

PROTECTIVE GLOVES: Recommended to avoid contact.

EYE PROTECTION: Safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Body-covering clothing.

WORK / HYGIENIC PRACTICES: Shower after handling.

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