MATERIAL SAFETY DATA SHEET

(Complies with OSHA CFR 1910.1200, ANSI Z 400.1-1993)

SECTION 1: Chemical Product & Company Identification

Product Name(s): Dexol Sure Stop Gopher Gasser
EPA Number: 192-49-1663
Distributor Name & Address: Grant Laboratories, Inc. 14688 Washington Avenue, San Leandro, CA 94578
Emergency Telephone Contact Number: 1-800-858-7378

SECTION 2: Composition/Information on Ingredients

Hazardous Ingredients(*):	% by weight	CAS No.	OSHA TWA	PEL STEL	ACGIH TWA	TLV STEL
sulfur	45.0	7704-34-9	NE	NE	NE	NE
potassium nitrate	45.0	7757-79-1	NE	NE	NE	NE
carbon	8.0		3.5 $mg/m^{3(**)}$	NE	3.5mg/m^3	NE
Dextrin	2.0		NE	NE	NE	NE

* all ingredients in quantities > 1.0 % (0.1 % for carcinogens or teratogens) that are **potentially** hazardous per OSHA definitions

** as carbon black

N/A = not applicable NE = not established

SECTION 3: Hazards Identification EMERGENCY OVERVIEW

Physical description: grey powder

Odor: no distinctive odor

Physical Hazards: solid is ignitable; excessive dust may form explosive mixtures with air

Potential Health Effects: Material may be severely irritating to skin, eyes and respiratory tract. Personnel responding to a spill of this material should wear appropriate personal protective equipment.

SECTION 4: First Aid Measures

Skin Contact: Wash with plenty of soap and water. Get medical attention if irritation persists.

Ingestion: If swallowed, promptly drink large amounts of water. Never give liquids to an unconscious person. Get medical attention. DO NOT INDUCE VOMITING

Eye Contact: Flush eyes with water for at least 15 minutes. Seek medical attention.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

SECTION 5: Fire Fighting Measures

Extinguishing media: dry chemical, foam, water fog (NOT water stream) **Flashpoint**: not determined

Hazardous products of combustion: hydrogen sulfide, carbon disulfide, SO_2 **Autoignition temperature:** not applicable

Unusual fire and explosion hazards: vapors of molten sulfur may permit ignition of air/vapor mixt on contact with hot surface; such ignition may result in transmission of flames to molten sulfur. Sulfur is poor conductor of electricity and tends to develop static charges during transport, which may lead to ignition of sulfur dust. Fires in heaps of sulfur are insidious since they may break out again even after extinguished.

NFPA Ratings: Health = 2 Fire = 1 Reactivity = 0

SECTION 6: Accidental Release Measures

Spills: Sweep or shovel spilled material using a natural fiber broom and/or aluminum shovel to reduce sparking. Be careful not to create dust as an explosion could result. (See Disposal Comments in Section 13)

SECTION 7: Handling & Storage

Storage: Store away from heat, sparks, flames, in well-ventilated space, out of reach of children. Do not contaminate water, food or feed by storage or disposal. Do not reuse container.

Storage Temperature: Avoid excessive temperatures and direct sunlight. Store below 110EF.

SECTION 8: Exposure Controls & Personal Protective Equipment

Skin: Protective gloves recommended

Eye Protection: Recommended to avoid splashing of material directly into eyes

Respiratory: In typical applications no engineering controls should be needed; if industrial hygiene surveys show that occupational exposure limits may be exceeded, use NIOSH approved respirator with dust/mist cartridges

SECTION 9: Physical & Chemical Parameters

Appearance: grey

Odor: no distinctive odor

Physical state: powder

Solubility in water: miscible

Bulk Density: n/a

pH: 9.22

Vapor pressure: n/a

Vapor density: n/a

Boiling point: n/a

Specific Gravity: n/a

SECTION 10: Stability & Reactivity

Stability: stable

Conditions to avoid: excessive heat

Incompatibilities: easily oxidizable materials, ammonium nitrate, ammonium perchlorate, finely divided metals (see NFPA guide for complete list of incompatible chemicals)

Hazardous polymerization: will not occur

SECTION 11: Toxicological Information

Note to Consumers: Information provided in this section is oriented to medical and public health professionals involved in the assessment and treatment of excessive and/or accidental exposures.

May be a contact sensitizer

Carcinogens: None listed per OSHA, NTP, or IARC

Excessive inhalation may inflame nasal mucosa, which may lead to hyperplasia, tracheobronchitis, dyspnea, persistent cough. Direct exposure to eyes may cause lacrimation, photophobia, conjunctivitis and blepharoconjunctivitis; cases of damage to crystalline lens

have also been described, with formation of opacities, cataract and focal chorioretinitis. Prolonged skin contact may result in erythematous and eczematous lesions and signs of ulceration.

SECTION 12: Ecological Information

Ecotoxicity: May be hazardous to aquatic invertebrates. Do not apply directly to water; do not contaminate water by cleaning of equipment or disposal of washwaters.

Environmental Fate: no data

SECTION 13: Disposal Considerations

This material (as packaged) is not considered a hazardous waste. Be aware that the waste owner has responsibility for final disposal. Regulations may also apply to empty containers, liners or rinsate. Laws may change or be reinterpreted; state and local regulations may be different from federal regulations. This information applies to materials as manufactured; contamination or processing may change waste characteristics and requirements.

SECTION 14: Transport Information

DOT Hazard Description: Consumer Commodity, ORM-D

SECTION 15: Regulatory Information

SARA Title III: n/a

Individual States: States such as Pennsylvania, New Jersey, California, Vermont, Massachusetts and Rhode Island may all have components of this product listed; consult specific state regulatory requirements for additional information.

SECTION 16: Other Information

For additional information, refer to the DOT Emergency Response Guidebook.

This information is provided in good faith, but without express or implied warranty.