



# MATERIAL SAFETY DATA SHEET

# DEXOL

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**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

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**PRODUCT NAME:** Dexol® Super BK32 Brush Killer  
**EPA REG. NUMBER:** 228-186-192  
**PRODUCT NUMBER:** D0416

**MANUFACTURER:** Value Garden Supply  
**ADDRESS:** P.O. Box 585, St. Joseph, MO 64502

**MANUFACTURER PHONE:** (888) 603-1008  
**MANUFACTURER FAX PHONE:** (952) 884-6149  
**EMERGENCY PHONE:** (800) 858-7378

**PRODUCT USE:** A potent woody plant herbicide for controlling mixed brush.

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**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

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<u>INGREDIENTS*:</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>OSHA TWA</u>	<u>OSHA STEL</u>	<u>ACGIH TWA</u>	<u>ACGIH STEL</u>
Isoctyl (2-ethyl exyl) Ester of 2,4-dichlorophenoxyacetic acid	1928-43-4	16.05	10 mg/m <sup>3</sup>	NE	10 mg/m <sup>3</sup>	NE
Isoctyl (2-ethyl exyl) Ester of 2-(2-methyl-4-dichlorophenoxy)						
propionic acid	28631-35-8	16.1	NE	NE	NE	NE
kerosene	8008-20-6	NE	NE	NE	NE	NE

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

N/A = not applicable NE = not established

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**SECTION 3: HAZARDS IDENTIFICATION**

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**EMERGENCY OVERVIEW:** Potential Health Effects

**POTENTIAL HEALTH EFFECTS:** This material may be slightly irritating to the eyes and moderately irritating to the skin. Personnel responding to a spill of this material should wear protective clothing to avoid prolonged skin contact.

**CARCINOGENICITY:** IARC lists as Group 2B (agent is possibly carcinogenic to humans) None listed per OSHA, or NTP.

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**SECTION 4: FIRST AID MEASURES**

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**EYES:** Immediately flush eyes with water for at least 15 minutes. Seek medical attention.

**SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

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

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

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** No specific antidote exists. Monitor for seizures, gastrointestinal irritation, possible liver, kidney, or muscle damage, arrhythmias, acidosis, dyspnea, headache, coma, hyperthermia, and hypotension. Range of Toxicity: fatalities seen after ingestion of 80 mg/kg.





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**MELTING POINT:** N/A

**PARTICAL SIZE:** N/A

**FREEZING POINT:** N/A

**AUTO IGNITION:** NE

**WATER SOLUBILITY:** Emulsifies

**OTHER SOLUBILITIES:** N/A

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### SECTION 10: STABILITY AND REACTIVITY

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**STABILITY:** Stable

**INCOMPATIBILITY (MATERIAL TO AVOID):** Excessive heat, avoid contamination with aqueous mineral acids and oxidizers.

**HAZARDOUS POLYMERIZATION:** Will not occur.

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### SECTION 11: TOXICOLOGICAL INFORMATION

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**ACUTE ORAL EFFECTS:** Rat, Oral, LD<sub>50</sub> =>3,390 mg/kg Rat, Oral, Kerosene, LD<sub>50</sub> = 17,600 mg/kg

**ACUTE DERMAL EFFECTS:** Rabbit, Dermal, LD<sub>50</sub> = >2,000 mg/kg Rabbit, Inhalation, LC<sub>50</sub> = >3,700 mg/m<sup>3</sup>

**CARCINOGENICITY:** IARC lists as Group 2B (agent is possibly carcinogenic to humans) None listed per OSHA, or NTP.

**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. Not a contact sensitizer, although may cause dermatitis.

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### SECTION 12: ECOLOGICAL INFORMATION

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**ECOTOXICITY:** May be hazardous to aquatic invertebrates. Do not apply directly to water; do not contaminate water by drift, runoff, or cleaning of equipment or disposal of washwaters.

**ENVIRONMENTAL FATE:** 2,4-D: Typical half-lives of 10 to >50 days, BCF value of 7

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### SECTION 13: DISPOSAL CONSIDERATIONS

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**WASTE DISPOSAL METHOD:** This material (as packaged) is considered a hazardous waste (EPA D016, U240). 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.

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### SECTION 14: TRANSPORT INFORMATION

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**\*DOT HAZARD DESCRIPTION:** Not Regulated.

(\*) U.S Department of Transportation

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### SECTION 15: REGULATORY INFORMATION

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**CERCLA RQ:** 2,4-D: 100 lbs.

**SARA TPQ:** 2,4-D: 10,000 lbs.



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**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.

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### SECTION 16: OTHER INFORMATION

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This information is provided in good faith, but without express or implied warranty. For additional information, refer to the American Conference of Governmental Industrial Hygienists (ACGIH) documentation of TLV's (Threshold Limit Values) for individual components and the DOT Emergency Response Guidebook.