

DRIVE[®] 75 DF HERBICIDE

Product No.: 557018

Drive[®] 75 DF herbicide

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BASF Corporation

Agricultural Products Group

P.O.Box 13528,

Research Triangle Park, NC 27709

(919) 547-2000

EMERGENCY TELEPHONE NUMBERS:

BASF Corporation: 1-800-832-HELP

CHEMTREC: 1-800-424-9300

SECTION I

Trade Name: Drive[®] 75 DF herbicide

Chemical Name: 3,7-dichloro-8-quinolinecarboxylic acid

Synonyms: Quinclorac

Formula: C(10) H(5) O(2) N Cl(2)

Chemical Family: Quinolinecarboxylic Acid

Mol Wt: 242.06 Quinclorac

SECTION II — INGREDIENTS

COMPONENT	CAS NO.	%	PEL/TLV - SOURCE
Quinclorac	84087-01-4	75	Not established
Inert Ingredients	N/A	25	2 mg/m(3) ACGIH

This formulation contains kaolin. Kaolin contains small amounts of crystalline silica.
This formulation may contain more than 0.1% crystalline silica.

SARA Title III Section 313: Not listed

SECTION III — PHYSICAL DATA

BOILING/MELTING POINT@760mm Hg: 237°C

pH: 3.2 - 3.6 (1-5% aqueous solution)

VAPOR PRESSURE mmHg @ 20°C: < 1 x 10⁽⁻⁷⁾

SPECIFIC GRAVITY OR BULK DENSITY: 565. - 593. g/L

SOLUBILITY IN WATER: 64 ppm at pH 7

APPEARANCE: Light tan granules

ODOR: Talc-like

INTENSITY: Mild

SECTION IV — FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD): N/D

AUTOIGNITION TEMP: **See below

FLAMMABILITY LIMITS IN AIR (% BY VOL):

LOWER: N/D

UPPER: N/D

NFPA 704 HAZARD CODES

HEALTH: 2

FLAMMABLE: 3*

INSTABILITY: 1*

OTHER:

NFPA 30 STORAGE CLASSIFICATION: Non-flammable solid, Class III B

EXTINGUISHING MEDIUM: Use water fog, foam, CO(2), or dry chemical extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus and turnout gear.

UNUSUAL FIRE EXPLOSION HAZARDS: *May form an explosive dust/air mixture. Organic solids will burn at elevated temperatures. All products of incomplete combustion and/or decomposition have not been determined. **Exotherm initiation temperature (Grewer oven): 264°C

SELECT ACRONYM KEY

N/A - Not available; N/D - Not determined; N/R - Not rated; N/E - Not established

SECTION V — HEALTH DATA

TOXICOLOGICAL TEST DATA:

Rat, Oral LD50 - 2200 mg/kg

Rat, Dermal LD50 > 2000 mg/kg

Rat, Inhalation LC50 (4 hr) - 6.1 mg/kg (4 hr)

Rabbit, Eye Irritation - Moderately irritating

Rabbit, Skin Irritation - Irritating

Guinea Pig, Dermal Sensitizer - Sensitizer (for active ingredient)

EFFECTS OF OVEREXPOSURE:

See Product Label and Directions For Use for additional precautionary statements.

Precautionary Statements

Harmful if swallowed, inhaled, or absorbed through the skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust or spray mist. Causes moderate eye injury. May cause allergic skin response.

For a minor component of the formulation:

Overexposure to crystalline silica results in silicosis, a lung disease characterized by coughing, difficult breathing, wheezing, scarring of the lungs, and repeated, non-specific chest illnesses. The International Academy for Research on Cancer (IARC) has classified crystalline silica in Group 1 (those agents with evidence of carcinogenicity to humans).

Existing medical conditions aggravated by exposure to this material: None known.

FIRST AID PROCEDURES

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor.

If on skin or clothing: 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.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

NOTE to physician: Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION VI — REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Do not store in wet conditions

CHEMICAL INCOMPATIBILITY: Not known.

HAZARDOUS DECOMPOSITION PRODUCTS:

CO(2), CO, HCl, NO(x) possible combustion products.

HAZARDOUS POLYMERIZATION: Does not occur.

CONDITIONS TO AVOID: N/A

CORROSIVE TO METAL: No

OXIDIZER: No

SECTION VII — PERSONAL PROTECTION

PESTICIDE APPLICATORS & WORKERS must refer to the **Product Label and Directions For Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard 40 CFR part 170.**

RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:

Respiratory Protection: Supplied air respirators should be worn if large quantities of dust are generated or prolonged exposure possible.

Eye Protection: Chemical goggles when respirator does not provide eye protection.

Protective Clothing: Gloves, long-sleeved shirt, and slacks.

Ventilation: Whenever possible, engineering controls should be used to minimize the need for personal protective equipment.

SECTION VIII — ENVIRONMENTAL DATA

ENVIRONMENTAL TOXICITY DATA

For active ingredient (quinclorac):

Rainbow Trout, LC50 > 100 mg/L

Bluegill Sunfish, LC50 > 100 mg/L

Daphnia magna, LC50 = 113 mg/L

Estuarine/Marine Organisms LC50:

(a) sheephead minnow > 100 mg/L

(b) blue crab > 100 mg/L

(c) quahog clam > 100 mg/L

(d) mysid shrimp = 67 mg/L

Bobwhite Quail, Oral LD50 > 2000 mg/kg

Mallard Duck, Oral LD50 > 5000 mg/kg

Bobwhite Quail, Dietary > 5000 mg/kg

Not toxic to bees.

SARA 311/312 REPORTING

FIRE: No

PRESSURE: No

REACTIVITY: No

ACUTE: Yes

CHRONIC: Yes

TPQ(lbs): 10,000

SPILL AND LEAK PROCEDURES:

Spills should be contained and placed in suitable containers for disposal.

This material is not regulated under RCRA or CERCLA ("Superfund").

HAZARDOUS SUBSTANCE SUPERFUND: No

RQ(lbs): None

WASTE DISPOSAL METHOD:

Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

HAZARDOUS WASTE 40CFR261: No

HAZARDOUS WASTE NUMBER: None

CONTAINER DISPOSAL:

Completely empty box into application equipment. Then dispose of packaging in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

SECTION IX — SHIPPING DATA — PACKAGE AND BULK

D.O.T. PROPER SHIPPING NAME (49CFR172.101-102): None

HAZARDOUS SUBSTANCE (49CFR CERCLA LIST): No

RQ(lbs): None

D.O.T. HAZARD CLASSIFICATION (CFR 172.101-102):

PRIMARY

None

SECONDARY

None

D.O.T. LABELS REQUIRED (49CFR172.101-102): None

D.O.T. PLACARDS REQUIRED (CFR172.504): None

POISON CONSTITUENT (49CFR172.203(K)): None

BILL OF LADING DESCRIPTION

Compounds, Tree or Weed Killing, (Herbicides), NOIBN

CC NO.: 431

UN/NA CODE: None

SECTION X — ADDITIONAL INFORMATION

Drive[®] 75 DF herbicide

EPA Reg. No. 7969-130

KEEP OUT OF REACH OF CHILDREN CAUTION

Complete Label and Directions For Use are attached to the product.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

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DISCLAIMER

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