

MATERIAL SAFETY DATA SHEET

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

Product No.: 557018

Drive® 75 DF herbicide

Date Prepared: 7/1/98 Date Revised: 3/2/2000

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 (active ingredient)	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: 1 **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
 No information found for this mixture.

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: 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.

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 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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