

**MATERIAL SAFETY DATA SHEET**

Agricultural Products Group  
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 (919) 547-2000

**EMERGENCY TELEPHONE NUMBERS:**

BASF Corporation: 1 (800) 832-HELP

CHEMTREC: 1 (800) 424-9300

Product No.: 579641 Image® 70 DG herbicide

Date Prepared: 7/27/2000 Date Revised: 6/20/2002

Trade Name: Image® 70 DG herbicide

Chemical Name: 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-quinolinecarboxylic acid

Synonyms: Imazaquin; AC 252, 214

Formula: C(17) H(17) O(3) N(3)

Chemical Family: Imidazolinone

Mol Wt: 311.34 Off-white to light beige solid ODOR:

**SECTION II - INGREDIENTS**

COMPONENT	CAS NO.	%	PEL/TLV - SOURCE
Imazaquin technical	7010	5 mg/m(3) - BASF recommended	
N/A	30.0	None established	

SARA Title III Section 313: Not listed

**SECTION III - PHYSICAL DATA**

&gt; 25 lb/ft(3)

Nutty

INTENSITY: Slight

FLASH POINT (TEST METHOD): N/D

**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:**

Data for the formulation:

- Rat, Oral LD50 (combined sexes) > 6598 mg/kg
- Rabbit, Dermal LD50 (combined sexes) > 2000 mg/kg
- Rat, Inhalation LC50 (4 hr) - Not available
- Rat, Inhalation LC50 (1 hr calculated) - Not available
- Rabbit, Eye Irritation - Mildly irritating
- Rabbit, Skin Irritation - Not available
- Guinea pig, Dermal Sensitizer - Not a sensitizer

**OSHA, NTP, or IARC Carcinogen:** See EFFECTS OF OVEREXPOSURE**EFFECTS OF OVEREXPOSURE:****See Product Label and Directions For Use for additional precautionary statements.****CAUTION**

Causes eye irritation. Avoid contact with skin, eyes, or clothing. Harmful if absorbed through skin.  
Signs of overexposure by ingestion in animal studies included epistaxis, diuresis, salivation, and depression.

This formulation contains clay (kaolin). Kaolin may contain more than 0.1% crystalline silica.

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 this product: None known.

**FIRST AID PROCEDURES**

- 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:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.
- 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. Do not give anything to an unconscious person.
- Note to physician:** Treat symptomatically. No specific antidote.
- Note:** Have the product container or label with you when calling a poison control center or doctor or going for treatment.

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Image® 70 DG herbicide

BASF Corporation

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**SECTION IX - SHIPPING DATA - PACKAGE AND BULK****D.O.T. PROPER SHIPPING NAME (49CFR172.101-102):**

None

**HAZARDOUS SUBSTANCE  
(49CFR CERCLA LIST):**

None

**RQ(lbs):** None**D.O.T. HAZARD CLASSIFICATION (CFR 172.101-102):****PRIMARY**

None

**SECONDARY****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  
 This product is not regulated by the Department of Transportation.

**CC NO.:** Not applicable**UN/NA CODE:** None**SECTION X - ADDITIONAL INFORMATION**

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