

MATERIAL SAFETY DATA SHEET

Agricultural Products Group
P.O.Box 13528,
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(919) 547-2000

EMERGENCY TELEPHONE NUMBERS:

BASF Corporation: 1 (800) 832-HELP

CHEMTREC: 1 (800) 424-9300

Product No.: 579651

Plateau® herbicide

Date Prepared: 6/16/2000 Date Revised: 12/4/2001

SECTION I

Trade Name: Plateau® herbicide

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

Synonyms: imazapic ammonium salt; AC263,222 Formula: C14 H16 N3 O3. NH4

Chemical Family: imidazolinone Mol Wt: 292.337

SECTION II - INGREDIENTS

COMPONENT	CAS NO.	%	PEL/TLV - SOURCE
Imazapic, ammonium salt	104098-49-9	23.60	None established
Inerts	N/A	76.40	None established

SARA Title III Section 313: Not listed

SECTION III - PHYSICAL DATA

BOILING/MELTING POINT @760mm Hg: N/D pH: 6.4 - 7

VAPOR PRESSURE mmHg @ 20°C: N/D

SPECIFIC GRAVITY OR BULK DENSITY: 1.07 - 1.09 g/mL

SOLUBILITY IN WATER: Miscible

APPEARANCE: Pale yellow to green liquid ODOR: N/D INTENSITY: N/D

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD): >200°F AUTOIGNITION TEMP: N/D

FLAMMABILITY LIMITS IN AIR (% BY VOL): LOWER: N/D UPPER: N/D

NFPA 704 HAZARD CODES

HEALTH: N/R FLAMMABLE: N/R INSTABILITY: 0 OTHER: N/R

NFPA 30 STORAGE CLASSIFICATION: 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 None known.

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 formulated product:

- Rat, Oral LD50 (combined sexes) > 5000 mg/kg
- Rabbit, Dermal LD50 (combined sexes) > 5000 mg/kg
- Rat, Inhalation LC50 (4 hr, analytical) > 2.38 mg/L
- Rat, Inhalation LC50 (1 hr calculated) > 9.52 mg/L
- Rabbit, Eye Irritation - Not irritating
- Rabbit, Skin Irritation - Not irritating
- Guinea pig, Dermal Sensitizer - Not a skin sensitizer.

OSHA, NTP, or IARC Carcinogen: Not listed.

EFFECTS OF OVEREXPOSURE:

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

CAUTION: KEEP OUT OF REACH OF CHILDREN

HARMFUL IF INHALED OR ABSORBED THROUGH SKIN. AVOID BREATHING SPRAY MIST.

AVOID CONTACT WITH SKIN, EYES OR CLOTHING.

Existing medical conditions aggravated by this product: None known

FIRST AID PROCEDURES

- 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.
- 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 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:** There is no specific antidote for exposure to this material. Treatment of overexposure should be directed at the control of symptoms and the clinical conditions.
- Note:** 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. Do not store below 20° F.

CONDITIONS TO AVOID: Store in original container in cool, dry, well ventilated place away from ignition sources, heat or flame.

CHEMICAL INCOMPATIBILITY: Oxidizing agents, corrosive zinc, iron and mild steel

HAZARDOUS DECOMPOSITION PRODUCTS: Including but not limited to oxides of carbon and nitrogen.

HAZARDOUS POLYMERIZATION: Does not occur.

CONDITIONS TO AVOID: Does not polymerize.

CORROSIVE TO METAL: No

OXIDIZER: No

SECTION VII - PERSONAL PROTECTION

Users of a pesticidal end use product should refer to the product label for personal protective equipment requirements.

RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:**Respiratory Protection:**

Supplied air respirators should be worn if large quantities of mist/dust are generated or prolonged exposure possible.

Eye Protection:

Chemical goggles when respirator does not provide eye protection.

Protective Clothing:

Gloves and protective clothing as necessary to prevent skin contact.

Ventilation:

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

SECTION VIII - ENVIRONMENTAL DATA**ENVIRONMENTAL TOXICITY DATA**

See the product label for information regarding environmental toxicity.

SARA 311/312 REPORTING

FIRE:N PRESSURE:N REACTIVITY:N ACUTE: Y CHRONIC:N TPQ(lbs): N/R

SPILL AND LEAK PROCEDURES:

In case of large scale spillage of this product, avoid contact, isolate area and keep out animals and unprotected persons. Call CHEMTREC (800 424-9300) or BASF Corporation (800 832-HELP). For a small spill, wear personal protective equipment as specified on the label.

FOR A SOLID SPILL: Sweep solid into a drum for re-use or disposal. Remove personal protective equipment and decontaminate it prior to re-use.

HAZARDOUS SUBSTANCE SUPERFUND: No RQ(lbs): None

WASTE DISPOSAL METHOD:

Pesticide wastes are acutely hazardous. Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mix or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label instructions, contact the state agency responsible for pesticide regulation or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

HAZARDOUS WASTE 40CFR261: No HAZARDOUS WASTE NUMBER: None

CONTAINER DISPOSAL:

FOR PLASTIC CONTAINERS: Triple rinse (or equivalent) and add rinsate to the spray tank. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

FOR BULK CONTAINERS: Reusable containers should be returned to the point of purchase for cleaning and re-filling.

FOR MINIBULK CONTAINERS: Clean all tanks on an approved loading pad so rinsate can be collected and mixed into the spray solution or into a dedicated tank. Using a high pressure sprayer, rinse several times with small volumes of water to minimize rinsate.

SECTION IX - SHIPPING DATA - PACKAGE AND BULK

D.O.T. PROPER SHIPPING NAME (49CFR172.101-102):

None

HAZARDOUS SUBSTANCE
(49CFR CERCLA LIST):

RQ(lbs): None

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

PRIMARY

SECONDARY

None

D.O.T. LABELS REQUIRED (49CFR172.101-102):

None

D.O.T. PLACARDS
REQUIRED (CFR172.504):POISON CONSTITUENT
(49CFR172.203(K)):**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

Plateau® herbicide

EPA Reg. No. 241- 365

KEEP OUT OF REACH OF CHILDREN

CAUTION**BASF Corporation**

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