

**MATERIAL SAFETY
DATA SHEET**

BASF Corporation
PO Box 13528, Research Triangle Park, NC 27709



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PRODUCT NUMBER: 598142 BASAGRAN* Herbicide

SECTION I

*Registered Trademark

TRADE NAME: BASAGRAN* Herbicide

CHEMICAL NAME: See Section II-Ingredients

SYNONYMS: Sodium Bentazon;
BAS 351 07H

FORMULA: $C_{10}H_{11}N_2NaO_5S$ #
#-Active Ingredient

CHEMICAL FAMILY: Benzothiadiazole

MOL. WGT.: 262.2 #

SECTION II - INGREDIENTS

COMPONENT	CAS NO.	%	PEL/TLV - SOURCE
BASAGRAN* Herbicide	25057-89-0	100	Not established
Contains: Sodium Bentazon		42	5 mg/m3 BASF Corp. rec.
Inerts		58	Not established
CHEMICAL NAME: (3-(1-methylethyl)-1H-2,1,3- benzothiadiazin-4(3H)-one-2,2 dioxide) SARA Title III Sect. 313: Not listed.			

SECTION III - PHYSICAL DATA

BOILING/MELTING POINT @760 mm Hg: N/D	pH: 8.0-9.0
VAPOR PRESSURE mm Hg @20 C: N/D	
SPECIFIC GRAVITY OR BULK DENSITY: 1.21 g/ml	
SOLUBILITY IN WATER: Infinite	
APPEARANCE: Brown Liquid	ODOR: Unusual--sweet INTENSITY: Mild

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TEST METHOD): N/A	AUTOIGNITION TEMP: N/A
FLAMMABILITY LIMITS IN AIR (% BY VOL)	LOWER: N/A UPPER: N/A
EXTINGUISHING MEDIUM	Use water fog, foam, CO2, or dry chemical extinguishing media.
SPECIAL FIREFIGHTING PROCEDURES	Firefighters should be equipped with self-contained breathing apparatus and turnout gear.
UNUSUAL FIRE AND EXPLOSION HAZARDS	None.

EMERGENCY TELEPHONE NUMBER

CHEMTREC 800-424-9300 800-832-HELP

THIS NUMBER IS AVAILABLE DURING EMERGENCIES

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SECTION V - HEALTH DATA

TOXICOLOGICAL TEST DATA:

BASAGRAN* Herbicide
Rat, Oral LD50

RESULT:

1860 mg/kg.

EFFECTS OF OVEREXPOSURE:

If ingested in sufficient quantities, causes nausea, vomiting, diarrhea and tremors.
Causes reversible irritation, redness, swelling to eyes and abraded skin.
Inhalation hazard of vapors is not anticipated at normal temperatures.
Excessive inhalation of mist may cause irritation of mucous membranes.

FIRST AID PROCEDURES:

Eyes-Immediately wash eyes with running water for 15 minutes.
If irritation develops, consult a physician.
Skin-Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, consult a physician.
Ingestion-If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.
Inhalation-Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

SECTION VI - REACTIVITY DATA

STABILITY:

Stable.

CONDITIONS TO AVOID:

Do not allow to freeze.

CHEMICAL INCOMPATIBILITY:

Per label, use only with recommended surfactants.

HAZARDOUS DECOMPOSITION PRODUCTS:

Combustion may generate SO2.

HAZARDOUS POLYMERIZATION:

Does not occur

CONDITIONS TO AVOID:

N/A

CORROSIVE TO METAL:

No

OXIDIZER:

No

SECTION VII - SPECIAL PROTECTION

RESPIRATORY PROTECTION:

Wear approved herbicide respirator for pouring or spraying operations as necessary to avoid breathing fumes.

EYE PROTECTION:

Chemical goggles.

PROTECTIVE CLOTHING:

Gloves, coveralls, apron, boots as necessary to prevent skin contact.

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SECTION VIII - ENVIRONMENTAL DATA

ENVIRONMENTAL TOXICITY DATA:

BASAGRAN* Herbicide is not acutely toxic to fish or wildlife.

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):

WASTE DISPOSAL METHOD:

Incinerate or bury in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.

HAZARDOUS WASTE 40CFR261: No HAZARDOUS WASTE NUMBER:

CONTAINER DISPOSAL:

Triple rinse jugs into sprayer, puncture to render unusable. Crush cans and jugs and bury in an EPA-approved landfill dump. Consult federal, state or local disposal authorities for approved alternative procedures.

SECTION IX - SHIPPING DATA

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

HAZARDOUS SUBSTANCE (49CFR CERCLA LIST)

No

REPORTABLE QUANTITY (RQ) N/A

D.O.T. HAZARD CLASSIFICATION (CFR172.101-102)
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))
N/A

BILL OF LADING DESCRIPTION

Compounds, tree and weed killing, N.O.I. (Herbicide)

CC NO. 431

UN/NA CODE None

DATE PREPARED: 5 / 4 / 87

UPDATED: 6 / 9 / 88

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