

BASF Australia Ltd

ABN 62 008 437 867

Norwest Business Park,
7 Maitland Place

Baulkham Hills NSW 2153

Telephone: 1 800 635 550

Emergency: 1 800 033 111

Material Safety Data Sheet

Product Name: ^{BASF}**BASAGRAN®**
POST-EMERGENCE HERBICIDE

HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

TRADE NAME: ^{BASF}**BASAGRAN POST-EMERGENCE HERBICIDE****OTHER NAMES:** bentazone
3-isopropyl-1*H*-2,1,3-benzothiadiazin-4(3*H*)-one 2,2-dioxide
BAS 351 32H**USE:** Selective post-emergence herbicide.

MANUFACTURER'S NAME/ADDRESS	U.N. NUMBER:	Not Applicable
BASF Australia Ltd Norwest Business Park, 7 Maitland Place Baulkham Hills NSW 2153	DANGEROUS GOODS CLASS:	Not Applicable
	SUBSIDIARY RISK:	Not Applicable
	HAZCHEM CODE:	Not Applicable
	POISONS SCHEDULE:	5
	PACKAGING GROUP:	Not Applicable
	EPG:	Not Applicable

PHYSICAL DESCRIPTION/PROPERTIES**APPEARANCE AND ODOUR:** Yellow brown liquid with no faint odour

BOILING POINT °C:	Not Available	DENSITY kg/L:	1.16-1.22
VAPOUR PRESSURE:	similar to water	MELTING POINT:	Not Available
VAPOUR DENSITY:	Not Applicable	EVAPORATION RATE:	Not Applicable
SOLUBILITY (WATER):	fully soluble	PERCENT VOLATILES:	Not Applicable
FIRE/EXPLOSION HAZARD			
FLASH POINT °C :	Not Applicable	AUTOIGNITION °C:	Not Applicable
LEL:	Not Applicable	UEL:	Not Applicable

INGREDIENTS

INGREDIENT	CAS NO.	PROPORTION
Bentazone (sodium salt)	(bentazone) 25057-85-0	480 g/L
Water	7732-18-5	644 g/L

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

ACUTE EFFECTS

No adverse health effects are expected if the product is handled in accordance with this Material Safety Data Sheet and the product label.

SWALLOWED

Harmful if swallowed. If ingested in sufficient quantities causes nausea, vomiting, diarrhea and tremors.

EYE

May irritate the eyes. Causes reversible irritation including reddening and swelling of the eye.

SKIN

May cause irritation of the skin and may cause skin sensitization.

INHALED

Practically non toxic.

CHRONIC EFFECTS

No evidence of mutagenicity or teratogenicity in animal tests.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Telephone 131126 Australia-wide.

EYE

If product in eyes, wash it out immediately with water. See a doctor if irritation persists.

SKIN

Remove contaminated clothing and wash skin thoroughly with soap and water. See a doctor if irritation occurs.

INHALED

Remove patient to fresh air.

ADVICE TO DOCTOR

Treat symptomatically.

TOXICITY

Acute toxicity LD ₅₀	(mg / kg)
Rat oral	1000-2000
Rat dermal	>4000
Rat inhalation LC ₅₀	>4.8 mg/L/4hr

PRECAUTIONS FOR USE

EXPOSURE LIMITS

No exposure limits have been set for bentazone

ENGINEERING CONTROLS

Ensure good ventilation of work areas.

PERSONAL PROTECTION

No particular protective equipment is specified. Users should observe the following safety directions.

May irritate the eyes and skin. Avoid contact with eyes and skin. After use and before eating, drinking or smoking, wash hands arms and face thoroughly with soap and water.

FLAMMABILITY

Not flammable.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight.

SPILLS AND DISPOSAL

Clear area of unprotected persons. Stop leak if safe to do so by maneuvering the container. Decant leaking container into a clean empty drum remote from storage area. Label drum appropriately. In leaking container can be repacked, contact BASF Australia Ltd, so that an overdrum and return to a nominated BASF location can be arranged.

Do NOT flush to drains or sewers. Do NOT contaminate stream, rivers or water courses.

Absorb spill in lime, sand, earth or non-combustible absorbent material. Place material in open top drum, clean up with small amount of detergent and water, absorb and place in drum. Seal drum and bury in an area approved by the local waste disposal authority.

Depending on the quantity released to the environment, notifications to regulatory authorities may be required. If spill is to a water body, immediately notify applicable authorities downstream, so that contingencies can be taken.

End Users: Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do NOT dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose

FIRE/EXPLOSION HAZARD

The product will not burn or burns with difficulty.

Use an extinguishing media suitable for the surrounding fires.

FIRE CONTROL TACTICS

Keep unnecessary people away. Wear self-contained positive pressure breathing apparatus, and full fire fighting protective clothing. Use as little water as possible. Dike area of fire to prevent herbicidal run-off. Use spray or fog; solid stream may cause spreading. If water enters drains, advise authorities downstream

Decontaminate personnel and equipment with soap and water, before leaving the fire site. During decontamination, and when handling broken packages or containers, wear protective equipment.

Avoid breathing dusts, vapours and fumes from burning material.

OTHER INFORMATION

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Do NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Do NOT contaminate streams, rivers or waterways with the chemical or used containers.

DISCLAIMER

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. It should read taking into account how the product is handled in your particular situation and how it is used in conjunction with other products.

CONTACT POINT: BASF Australia Ltd

TELEPHONE: 1 800 635 550

EMERGENCY: 1 800 033 111

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SUPERCEDES:

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Acknowledgments:

Collated by HerbiGuide. Phone 08 98444064 for more information.