

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:

**BLADEX® 500SC
HERBICIDE****HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA.****TRADE NAME:** BLADEX 500 SC HERBICIDE**OTHER NAMES:** Cyanazine;
2-[(4-chloro-6-(ethylamino)-S-triazin-2-yl) amino]-2-methylpropionitrile**USE:** Selective herbicide**MANUFACTURER'S NAME/ADDRESS**BASF Australia Ltd
Norwest Business Park, 7 Maitland Place
Baulkham Hills NSW 2153**U.N. NUMBER:** 2998**DANGEROUS GOODS CLASS:** 6.1**SUBSIDIARY RISK:** Not Applicable**HAZCHEM CODE:** 2X**POISONS SCHEDULE:** 6**PACKAGING GROUP:** III**EPG:** SAA Form 6A5**PHYSICAL DESCRIPTION/PROPERTIES****APPEARANCE AND ODOUR:** Buff colored flowable liquid, mild chemical odour.**BOILING POINT°C:** 100 approx**DENSITY kg/L:** 1.122**VAPOUR PRESSURE:** Not available**MELTING POINT:** Not available**VAPOUR DENSITY:** Not available**EVAPORATION RATE:** Not available**SOLUBILITY (WATER):** disperses in water**PERCENT VOLATILES:** Not available**FIRE/EXPLOSION HAZARD****FLASH POINT (C):** not applicable**AUTOIGNITION (C):** not applicable**LEL:** not applicable**UEL:** not applicable**INGREDIENTS****INGREDIENT****PROPORTION (w/v)****CAS No.**

CYANAZINE

50.0%

21725-46-2

INERT INGREDIENTS

1.81%

ANTIFREEZE

9.9%

BACTERIOSTAT

0.34%

WATER

50.15%

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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

Moderately toxic.

EYE

Mildly irritating to eyes.

SKIN

Mildly irritating to skin.

INHALED

Little inhalation hazard if used in the correct manner.

CHRONIC EFFECTS

Chronic feeding studies in animals do not indicate any cumulative toxicity and show that the compound is neither a carcinogen nor a teratogen.

FIRST AID

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

EYE

Rinse well with water.

SKIN

Remove contaminated clothing and wash skin thoroughly with soap and water.

INHALED

Remove from contaminated area.

ADVICE TO DOCTOR

Treat symptomatically. If indicated, lavage with cuffed tube.

TOXICITY

No LD₅₀ data is available for BLADEX 500SC. The following data is for technical cyanazine.

Acute toxicity LD ₅₀	(mg / kg)
Rat Oral	288
Rat Dermal	> 1,200

PRECAUTIONS FOR USE

EXPOSURE LIMITS

None established.

ENGINEERING CONTROLS

Do NOT inhale spray mist.

PERSONAL PROTECTION

Product is poisonous if absorbed by skin contact or inhaled or swallowed. Avoid contact with eyes and skin and clothing. Do NOT inhale spray mist. If product or spray on skin immediately wash area with soap and water. 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 well-ventilated area, building or room, as cool as possible, away from children, animals or fodder. Do NOT store for prolonged periods in direct sunlight. Do NOT store with fertilisers, insecticides, fungicides and seeds. Protect product from frost.

Keep away from food and drink.

Ensure containers are correctly labelled and securely sealed.
Classified as a dangerous substance for transport purposes.

Eye-wash and washing facilities must be readily available. For disposing spills have lime, absorbent material and open head drums on hand.

SPILLS AND DISPOSAL

Clear area of all unprotected personnel. Wear full protective equipment including breathing apparatus. Stop leak if safe to do so by manoeuvring the container. Decant leaking container into a clean empty drum remote from the storage area and label. If the leaking container can be repacked, contact BASF Australia Ltd, so that an overdrum and transport for return to a nominated BASF location can be arranged.

Do NOT flush to drains or sewers. Do NOT contaminate streams, 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.

Wash or wipe down protective equipment in detergent solution and dry. Wash overalls, destroy if heavily contaminated.

Triple or (preferably) pressure rinse containers before disposal. Add rinsings to spray tank. Do NOT dispose of undiluted chemicals on-site. Break, crush or puncture and bury empty containers in a local authority landfill. If not available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers and product should NOT be burnt.

FIRE/EXPLOSION HAZARD

Decomposition may give rise to toxic and noxious fumes. Alcohol resistant foam, carbon dioxide or dry chemical extinguishers required. Ensure respiratory equipment is available.

Evacuate immediate area. Advise Fire Brigade of nature of hazard. Wear full protective equipment, including breathing apparatus. Remove drums from site of fire, if possible, as overheating may cause some of the drums to explode. Cool surrounding containers with a fine water spray.

Avoid contact of water with material as toxic run-off will form. In this event, consideration should be given to allowing the fire to burn out. Contain run-off.

OTHER INFORMATION

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Do NOT overlap spraybands as double dosage may harm the crop and other non-crop vegetation.
Do NOT allow spray to drift on to susceptible crops.
Do NOT apply in high winds.

PROTECTION OF LIVESTOCK

On treated areas do NOT graze immature crops or cut immature crops for stockfood.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Do NOT contaminate ponds, waterways, irrigation channels or drains with the product or used container.

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

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