

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:	INTREPID® 360 SC Insecticide-Miticide
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HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA**TRADE NAME:** INTREPID* 360 SC Insecticide-Miticide**OTHER NAMES:** chlorfenapyr; 4-bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)-5-(trifluoromethyl)-pyrrole-3-carbonitrile**USE:** Pyrrole insecticide-miticide for use in cotton**MANUFACTURER'S NAME/ADDRESS**BASF Australia Ltd
Norwest Business Park, 7 Maitland Place
Baulkham Hills NSW 2153**U.N. NUMBER:** 2902**DANGEROUS GOODS CLASS:** 6**SUBSIDIARY RISK:** Not applicable**HAZCHEM CODE:** 2X**POISONS SCHEDULE:** 6**PACKAGING GROUP:** III**EPG:** 6A1**PHYSICAL DESCRIPTION/PROPERTIES****APPEARANCE AND ODOUR:** Tan coloured, mild sweet smelling, liquid suspension concentrate**BOILING POINT °C:** Not Applicable**DENSITY kg/L:** 1.16**VAPOUR PRESSURE:** Not Applicable**MELTING POINT:** Not applicable**VAPOUR DENSITY:** Not Applicable**EVAPORATION RATE:** Not Available**SOLUBILITY (WATER):** Forms suspension**PERCENT VOLATILES:** Not Applicable**FIRE/EXPLOSION HAZARD****FLASH POINT °C :** Not applicable
(water based)**AUTOIGNITION °C:** Not Applicable**LEL:** Not Available**UEL:** Not Available**INGREDIENTS****INGREDIENT****CAS No.****PROPORTION**Chlorfenapyr
water
inerts

122453-73-0

36%
60%
4%

® = Registered trademark of BASF

HEALTH HAZARD INFORMATION**HEALTH EFFECTS****ACUTE EFFECTS**

In an acute neurotoxicity study conducted on rats using technical material, administration at a dose of 180 mg/kg resulted in changes in gait, locomotion and arousal.

However, 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.

EYE

Will cause irritation.

SKIN

Moderately toxic. Will irritate the skin.

INHALED

Little inhalation hazard if handled in the correct manner.

CHRONIC EFFECTS

In a repeat dose feeding study in the rat, the higher doses tested led to (reversible) myelinopathic alterations in the central nervous systems of males.

FIRST AID

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

EYE

If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

SKIN

If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water.

INHALED

Remove to fresh air.

ADVICE TO DOCTOR

Treat symptomatically.

TOXICITY

Acute Toxicity LD ₅₀	(mg / kg)
Rat oral	283 - 999
Rabbit dermal	> 1800
Rat inhalation LC ₅₀	2.1 mg/L

PRECAUTIONS FOR USE

EXPOSURE LIMITS

No NOHSC exposure standard has been assigned for chlorfenapyr.

NOHSC exposure standard for acetic acid: TWA 10 ppm or 25 mg/m³ and STEL 15 ppm or 37 mg/m³.

ENGINEERING CONTROLS

Provide adequate ventilation.
Do NOT inhale spray mist.

PERSONAL PROTECTION

Harmful if absorbed by skin contact, inhaled or swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. Do NOT inhale spray mist. When opening the container, preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves.

After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

After each day's use, wash gloves, and contaminated clothing.

RE-ENTRY PERIOD

Do NOT allow entry into treated areas for 12 hours after treatment.

When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist, a washable hat and elbow-length PVC gloves.

Clothing must be laundered after each day's use.

FLAMMABILITY

Not flammable. Water based.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

Store in the closed, original container in a cool, well-ventilated area. Do NOT store for prolonged periods in direct sunlight.

Ensure containers are correctly labelled and securely sealed.

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 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.

For 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 clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.

FIRE/EXPLOSION HAZARD

FIRE EXTINGUISHING MEDIA:

Use water, foam, dry chemical, or carbon dioxide to extinguish fires.

FIRE CONTROL TACTICS:

Wear self-contained, positive pressure breathing apparatus and full fire fighting protective clothing.

Keep unnecessary people away. Use as little water as possible. Dike area of fire to prevent material run-off. Use spray or fog. Solid stream may cause spreading.

Do NOT contaminate personnel or equipment, or handle broken packaging or containers without protective equipment as specified. Decontaminate emergency personnel with soap and water before leaving the fire area.

Avoid breathing dusts, vapours and fumes from burning materials. Control run-off water. If water enters a drainage system, advise the authorities downstream.

OTHER INFORMATION

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

A strategy to minimise the impact of storm events and retain water from run-off, as well as tailwater, should be employed. The strategy envisaged is exemplified by the cotton industry's Best Management Practice Manual.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Use should only be on farms where retention and recycling of tailwater is practised. It is essential to retain the first flush of irrigation tailwater/stormwater in the tailwater dam after application. Do NOT apply this water to crops other than cotton, or release tailwaters to drains and waterways.

Do NOT apply under meteorological conditions or from spraying equipment which could be expected to cause drift onto adjacent areas, particularly wetlands, waterbodies or watercourses.

DANGEROUS TO AQUATIC AND TERRESTRIAL ORGANISMS.

Do NOT contaminate watercourses, ponds, wetlands, reserves or parks with product or used containers.

DANGEROUS TO BEES. Do NOT spray any plants in flower while bees are foraging.

May adversely affect mite predators and other beneficial organisms.

May adversely affect birds and native animals.

Do NOT apply if heavy rain, likely to cause surface run-off, is expected within 48 hours after application.

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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