

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:

**TORQUE®
MITICIDE****HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA****TRADE NAME:** TORQUE MITICIDE**OTHER NAMES:** fenbutatin oxide,
bis[tris (2-methyl-2-phenylpropyl) tin] oxide.**USES:** Miticide.**MANUFACTURER'S NAME/ADDRESS**BASF Australia Ltd
Norwest Business Park, 7 Maitland Place
Baulkham Hills NSW 2153**U.N. NUMBER:** Not applicable**DANGEROUS GOODS CLASS:** Not applicable**SUBSIDIARY RISK:** Not applicable**HAZCHEM CODE:** Not applicable**POISONS SCHEDULE:** 6**PACKAGING GROUP:** Not applicable**EPG:** Not applicable**PHYSICAL DESCRIPTION/PROPERTIES****APPEARANCE AND ODOUR:** White flowable liquid with mild chemical odour.**BOILING POINT:** Not available**DENSITY kg/L:** 1.14**VAPOUR PRESSURE:** Not available**MELTING POINT:** Not applicable**VAPOUR DENSITY:** Not available**EVAPORATION RATE:** Not available**SOLUBILITY (WATER):** Disperses in
water**PERCENT VOLATILES:** Not available**FIRE/EXPLOSION HAZARD****FLASH POINT °C:** Not flammable**AUTOIGNITION °C:** Not applicable**LEL:** Not applicable**UEL:** Not applicable**INGREDIENTS****INGREDIENT****PROPORTION (w/v)****CAS No.**

FENBUTATIN OXIDE

55.0%

13356-08-6

ANTIFREEZE

10.3%

INERT INGREDIENTS

2.87%

WATER

45.83%

® = Registered trademark of BASF

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. Ingestion of large quantities may cause dyspnoea, diarrhoea, vomiting, lethargy and general depression.

SWALLOWED

Slightly toxic.

EYE

Mildly irritating to eyes.

SKIN

Moderately irritating.

INHALED

Little inhalation hazard if used in 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

Hold eyes open, flood with water for 15 minutes, and see a doctor.

SKIN

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

INHALED

Remove from contaminated area.

ADVICE TO DOCTOR

Treat symptomatically. Lavage with cuffed tube if large quantity ingested.

TOXICITY

No LD₅₀ data is available for TORQUE MITICIDE. The following data is for technical fenbutatin oxide.

Acute toxicity LD ₅₀	(mg / kg)
Rat oral	> 5,000
Rat dermal	> 2,000

PRECAUTION FOR USE

EXPOSURE LIMITS

None established.

ENGINEERING CONTROLS

Do NOT inhale spray mist.

PERSONAL PROTECTION

May irritate the eyes and skin. Avoid contact with eyes and skin. Do NOT inhale spray mist. When preparing spray wear cotton overalls buttoned to the neck and wrist and washable hat, elbow length PVC gloves and face shield. When using the prepared spray wear elbow length PVC gloves. 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. After each day's use wash contaminated clothing, gloves and face shield.

FLAMMABILITY

Not flammable.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

Store in the closed, original container in well-ventilated and cool as possible, separate building or room, away from children, animals and unauthorized persons. Store away from food, foodstuffs, drink or clothing. Store separately from herbicides. Do NOT store for long periods in direct sunlight.

Ensure containers are correctly labelled and securely sealed.

Not 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.

SPIILLS 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 rinse empty container with water. Add the rinsate to the spray vat or dispose of with empty container. Destroy empty container by breaking, crushing or puncturing and take to an approved landfill or bury under at least 50 cm of soil in a non-crop, non-pasture area away from water sources or homes.

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 LIVESTOCK

Do NOT graze or feed animals on cover crops in sprayed orchards.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

Dangerous to fish. Do NOT contaminate ponds, waterways or drains TORQUE MITICIDE 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

TELEPHONE: 1 800 635 550

EMERGENCY: 1 800 033 111

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Acknowledgments:

Collated by HerbiGuide. Phone 08 98444064 for more information.