

**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: **PARAGON® Herbicide****HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA.****TRADE NAME:** PARAGON Herbicide**OTHER NAMES:** picolinafen plus MCPA EHE**USE:** Post-emergence herbicide for use in winter cereals**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:****PHYSICAL DESCRIPTION/PROPERTIES****APPEARANCE AND ODOUR:** Brown-amber liquid with slightly aromatic odour.**BOILING POINT °C:** Not determined **SPECIFIC GRAVITY:** 1.02-1.08 g/mL at 20°C**VAPOUR PRESSURE:** Not determined **MELTING POINT:** Not applicable**pH:** 3-5 **EVAPORATION RATE:** Not determined**VAPOUR DENSITY:** Not determined **PERCENT VOLATILES:** < 8%**SOLUBILITY (WATER):** Emulsifies **AUTOIGNITION °C:** 260°C**FIRE/EXPLOSION HAZARD** Not explosive **LEL:** Not applicable**FLASH POINT °C :** > 105 **UEL:** Not applicable**INGREDIENTS**

<b>INGREDIENT</b>	<b>CAS No.</b>	<b>PROPORTION</b>
picolinafen technical	137 641-05-5	5.0%
MCPA EHE	29450-45-1	50.0%
inerts		25.0%

## **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.

#### **EYE**

Non-irritating.

#### **SKIN**

May irritate the skin. Not a skin sensitizer.

#### **INHALED**

Practically non-toxic.

#### **CHRONIC EFFECTS**

No evidence of mutagenicity, carcinogenicity or teratogenicity in animal tests.

### **FIRST AID**

#### **SWALLOWED**

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**

If product on skin, immediately wash skin area with soap and water. See a doctor if irritation persists.

#### **INHALED**

Remove to fresh air.

### **ADVICE TO DOCTOR**

No specific antidote. Treat symptomatically.

## **TOXICITY**

Acute Toxicity LD <sub>50</sub>	(mg / kg )
Rat oral	>1768
Rat dermal	>4000
Rat inhalation LD <sub>50</sub> (4 hour)	>5.18 mg/L

## **PRECAUTIONS FOR USE**

### **EXPOSURE LIMITS**

No exposure standards have been allocated to picolinafen or MCPA, the active constituents.

### **ENGINEERING CONTROLS**

Provide adequate ventilation.

### **PERSONAL PROTECTION**

Respiratory: Avoid inhaling spray mist.

Skin: Avoid contact with skin. Wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves.

Eyes: Avoid contact with eyes. Wear a face shield or goggles

### **FLAMMABILITY**

Low flammable.

## **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.

### **SPILLS AND DISPOSAL**

Clear area of all unprotected personnel. Wear full protective equipment including breathing apparatus. Stop leak if safe to do so by maneuvering 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 nominated BASF location can be arranged.

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

Absorb spill in lime or wet area with 5% soda ash (sodium carbonate) solution and absorb on 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. Scatter lime over the area and leave for one hour. Decompose contaminated absorbent and surplus material with 5% soda ash solution. Leave in a safe place for one month. Seal drum and bury in an area approved by the local waste disposal authority.

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 decontaminate personnel or equipment, or handle broken packages or containers without protective equipment. 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**

Do NOT apply under weather conditions or from spraying equipment, that may cause spray to drift onto nearby susceptible plants, adjacent crops, cropping lands or pastures. Canola, cotton, tobacco, grapevines, lupins, fruit trees and ornamentals are especially susceptible to spray drift and vapour movement.

#### **PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

Toxic to algae. 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		
DATE OF ISSUE:	1 December 2000	SUPERCEDES:	New

---

***Acknowledgments:***

Collated by HerbiGuide. Phone 08 98444064 for more information.