



103 - 105 PIPE ROAD, LAVERTON NORTH, VIC. AUSTRALIA 3026  
Postal Address: PO Box 103, LAVERTON, VIC. AUSTRALIA 3028  
Telephone: 03 9282 1000 Fax: 03 9282 1001

PRODUCT: MCPB 400 Selective Herbicide	Infosafe No: NU0C0 ISSUED: Jan 00
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Hazardous according to criteria of Worksafe Australia

UN NO....: D.G.CLASS: CAS NO....:  
HAZCHEM...: SUB. RISK:  
SUSDP....: S5 (FED) S5 (NSW) S5 (VIC) S5 (SA) S5 (WA) S5 (Qld) S5 (Tas) S5 (NT)  
G.T.EPG...: SPEC.EPG.: PACK. GRP:

PRODUCT IDENTIFICATION

OTHER NAMES:

TRADENAMES.: MANUF.: MANCODE:  
MCPB-400 Selective Herbicide NUFARM 0631

INGREDIENTS:

CHEMICAL ENTITY:	CAS NO:	PROPORTION:
MCPB acid (100%) (present as sodium salt)	94-81-5	400 g/l
Ethoxylated surfactants		1-5 %
EDTA		1-5 %
Water		to 100%

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE:

Clear, amber liquid.

BOILING POINT.....: >100°C (water)  
MELTING POINT.....: -5°C  
VAPOUR PRESSURE....: MCPB sodium salt is not volatile  
VOLATILE COMPONENT.: 48%  
SPECIFIC GRAVITY...: 1.16  
FLASH POINT.....: None  
FLAMMABILITY LIMITS: N/A  
EXPLOSIVE LIMITS...: N/A  
AUTOIGNITION TEMP..: N/A  
REL. VAPOUR DENSITY: N/A  
DECOMPOSITION TEMP.: N/A  
FORM.....: Liquid

OTHER PROPERTIES:

Completely soluble in water

USE:

For the control of certain weeds in Cereals, Pea Crops, Clover and Medic Seed Crops, Pastures, Peanuts and in Industrial and Commercial Areas as started in the Directions for Use Table.



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**MATERIAL SAFETY DATA SHEET**

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HEALTH HAZARD INFORMATION

**ACUTE EFFECTS**

**SWALLOWED:**

The concentrate is not considered a serious hazard due to its moderate toxicity. However, the concentrate is considered harmful if swallowed, when classified according to Worksafe Criteria.

**EYE:**

The concentrate may cause irritation and may cause damage if contact is prolonged.

**SKIN:**

The concentrate may cause irritation and possible damage if contact with the concentrate is prolonged or excessive. Some absorption of MCPB through the skin is possible.

**INHALED:**

Not considered a serious hazard because MCPB (sodium salt) is practically non-volatile. However, inhalation of spray mists should be avoided. Inhalation of the spray is harmful.

**CHRONIC EFFECTS**

Liver and kidney damage has been noted in laboratory animals but only after excessive doses.

**OTHER HEALTH HAZARD INFORMATION**

Acute Over Exposure: Headache, nausea and vomiting with possible twitches and spasms in extreme cases.

**FIRST AID**

**SWALLOWED:**

If swallowed, induce vomiting, using Ipecac Syrup APF if available.

**EYE:**

Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open.

**SKIN:**

Remove contaminated clothing and launder before re-use. Wash affected areas thoroughly with soap and water.

**INHALED:**

Remove victim to fresh air until recovered.

**FIRST AID FACILITIES:**

**ADVICE TO DOCTOR:**

Treat symptomatically.





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**ENVIRONMENT: - (continued)**

Equipment that has been used for this product should not be used for the application of other materials to sensitive plants, unless it has been washed out with hot soapy water or 1% solution of ammonia, followed by several clear water rinses. Do not spray in areas where damage to sensitive plants may result from direct application or spray drift.  
Do not spray in high winds.

:: **SAFE HANDLING INFORMATION** ::::::::::::::::::::::::::::::::::

**STORAGE AND TRANSPORT:**

**STORAGE**

Keep containers closed and store in safe place away from foodstuff, seeds and fertiliser.  
Keep this container tightly sealed and do not store with seed or fertilizer.

**TRANSPORT:**

Considered non hazardous for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**Packaging and Labelling:**

**WARNING**

Keep out of reach of children  
Read safety directions before opening

This product has been assessed using the Worksafe Criteria for Classifying Hazardous Substances and has been classified as hazardous.

**Risk Phrases:**

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

S2 Keep out of reach of children.

213 Keep away from food, drink and animal feeding stuff.

**SPILLS AND DISPOSAL:**

Contain spill and absorb with sand or proprietary absorbent (vermiculite).  
Prevent from entering drains, waterways or sewers.  
Collect in sealed open top containers for disposal.  
Triple rinse containers, then offer for recycling/recoditioning or puncture and dispose of in sanitary landfill, or other procedures approved by Local Authorities.

**FIRE/EXPLOSION HAZARD:**

May emit toxic fumes of hydrogen chloride or phosgene if material is involved in fires or subjected to extreme heat. Breathable air apparatus may have to be worn if material is involved in fires in confined spaces.  
Keep upwind. No specific extinguishing media applicable; if material is



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**FIRE/EXPLOSION HAZARD:** - (continued)

involved in fires, cool drums with water supply.

**Reactivity Data:**

May react violently with strong oxidising material such as chlorine.

The addition of strong acids will precipitate MCPB acids as a solid, this will reduce the efficacy of the herbicide and cause blockages of the spray equipment.

OTHER INFORMATION

User Data:

WSA Haz? :Y

Contact Point:

Normal Hours: Mr. Volker Maier Phone: (03) 9282-1000

After Hours: Shift Supervisor Phone: 1 800 033 498

End: Infosafe printed Material Safety Data Sheet - 20 November 2000