



MATERIAL SAFETY DATA SHEET

PRODUCT: DIURON 900DF Herbicide	Infosafe No: NU01H ISSUED: Apr 01
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HEALTH HAZARD INFORMATION

ACUTE EFFECTS

SWALLOWED:

The concentrate is considered harmful if swallowed, when classified according to the Worksafe Criteria.

EYE:

Product dust in the eyes may cause some irritation.

SKIN:

May cause mild irritation.

INHALED:

Prolonged or repeated exposure may constitute a hazard to the lungs when in powder form.

CHRONIC EFFECTS

Chronic Over Exposure:

A chronic hazard similar to silicosis may be evident upon prolonged exposure to the dust. The product is considered to pose danger of serious damage to health by prolonged exposure, when classified according to the Worksafe Criteria.

OTHER HEALTH HAZARD INFORMATION

Acute Over Exposure:

No known symptoms encountered but dust is an irritant to lungs, eyes and throat.

FIRST AID

SWALLOWED:

If swallowed induce vomiting.
Use Ipecac Syrup (APF) if available.

EYE:

Flush with copious quantities of water for 15 minutes with eyelids open.

SKIN:

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

INHALED:

Remove to fresh air and notify physician.

FIRST AID FACILITIES:

If poisoning occurs, contact a Doctor or Poisons Information Centre.

ADVICE TO DOCTOR:

Treat symptomatically.

TOXICITY DATA:

Technical Diuron:
Toxicity to mammals:
Acute oral LD50 rats 3400mg/kg.



103 - 105 PIPE ROAD, LAVERTON NORTH, VIC. AUSTRALIA 3026
Postal Address: PO Box 103, LAVERTON, VIC. AUSTRALIA 3028
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TOXICITY DATA: - (continued)

Toxicity to fish:

LC50 for rainbow trout 5.6mg/l
 bluegill 5.9mg/l
 guppy 25mg/l (96 hours)

Toxicity to bees:

Not toxic to bees

The Australian Acceptable Daily Intake (ADI) of diuron for a human is 0.006mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOEL of 0.625mg/kg/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species. (Ref: Comm. Dept. of Human Services and Health, "ADI List", AGPS, May 1994).

..... **PRECAUTIONS FOR USE**

EXPOSURE STANDARDS:

No standards have been set.

ENGINEERING CONTROLS:

Natural only required.

If the product has to be handled in confined spaces and dust is generated, wear a dust mask.

PERSONAL PROTECTION:

Avoid contact with skin and eyes to prevent possible irritation. Wash product from skin and eyes immediately. Avoid working in and breathing spray mist. When preparing product for use, wear cotton overalls buttoned to the neck and wrist and washable hat, elbow length PVC gloves and effective eye protection. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly. After each day's use, wash contaminated clothing and safety equipment.

FLAMMABILITY:

Non flammable.

ENVIRONMENT:

Low hazard to bees.

DO NOT contaminate streams, rivers or waterways with chemical or used container. Dispose of used packaging in a responsible manner.

The active ingredient persists for some time in soil. There are wide variations in the literature regarding the half-life of diuron in soil, depending upon soil type, temperature and moisture. Half lives of 8 weeks to 1 year are quoted.



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SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT:

STORAGE

Store in closed, original container in a well-ventilated area away from children, animals, food, feedstuffs, seed and fertilizer.

TRANSPORT

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

Packaging and Labelling:

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING

The product has been assessed according to the Worksafe criteria for classifying hazardous substances and is classified as hazardous:

Risk Phrases:

R22 - Harmful if swallowed

R48 - Danger of serious damage to health by prolonged exposure

Safety Phrases:

S2 - Keep out of reach of children

S22 - Do not breathe dust

S37 - Wear suitable gloves

SPILLS AND DISPOSAL:

Sweep up and collect in sealed containers.

Do not allow to enter dams, waterways or sewers and prevent contact with vegetation. Industrial incineration or disposal at a site approved by local authorities.

Triple rinse containers, add rinsate to the spray tank, then offer container for recycling/reconditioning, or puncture top, sides and bottom and dispose of in landfill in accordance with local regulations. On-site disposal of concentrate is not acceptable.

FIRE/EXPLOSION HAZARD:

Extinguishing Media: Water spray or carbon dioxide.

Special Fire Fighting Procedures: Breathable air apparatus should be worn in confined spaces.

Unusual Fire and Explosion Hazard: May emit toxic fumes of cyanides, hydrogen chloride, phosgene or nitrogen oxides when involves in fires.

Will undergo non-violent decomposition above 190°C.

Reactivity Data:

No hazardous reaction expected. Polymerisation is not possible.

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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 - 17 April 2001