

SAFETY DATA SHEET

FREEWAY

GB 102000001718 Current 10.12.2002

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Commercial name	FREEWAY Amenity herbicide
Company identification	Bayer Environmental Science, Durkan House, 214-224 High Street, Waltham Cross, Hertfordshire EN8 7DP
Emergency Telephone Number	0800-220876 (UK only) +44(0)1223-870312

2. COMPOSITION / INFORMATION ON INGREDIENTS

Diuron (xn, R48/22) CAS No 330-54-1 42.2% 500 g/l
GIFAP : SC

3. HAZARDS IDENTIFICATION

Main hazards	Not classified as hazardous.
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4. FIRST AID MEASURES

Medical information	Symptoms of exposure are unlikely. If you should feel unwell seek medical advice - show the label where possible. Additional medical guidance is available from Bayer Environmental Science on 0800-220876 or for doctors from the National Poisons Information Service (tel: 0121 507 5588/5589).
First aid	When giving first aid always use personal protective equipment if you are likely to be contaminated by contact with the person you are giving aid to.
Skin	Remove contaminated clothing, rinse affected skin and then wash with soap and water. Obtain medical aid if symptoms occur.
Eyes	Rinse immediately with water for 15 minutes. Obtain medical aid.
Inhalation	Remove patient to fresh air. If breathing stops, start artificial respiration. Obtain medical aid if symptoms persist.
Ingestion	Do not induce vomiting. Wash out mouth with water. Keep patient at rest in recovery position. If breathing stops, start artificial respiration. Obtain medical aid.

SAFETY DATA SHEET

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5. FIRE-FIGHTING MEASURES

Fire Hazards	Non-combustible but may give rise to dangerous fumes if strongly heated - carbon and nitrogen oxides.
Fire Fighting	Call the brigade at once to deal with all fires involving pesticides. Avoid breathing smoke or fumes. Appropriate extinguishing materials include foam, water mist, dry powder, CO ₂ , in preference to water jets. Contain fire fighting water, bunding if necessary with sand or earth. If without risk, remove intact containers from exposure to fire. Spray unopened containers with a mist spray to keep cool.

6. ACCIDENTAL RELEASE MEASURES

Spillage	When dealing with spillage wear wellingtons, gloves and clothing which covers as much of the body as possible. Regular washing or replacement of protective clothing is vital for effective protection. We recommend the use of unlined nitrile, PVC or neoprene gloves. Keep people, animals and ignition sources away. Where appropriate, decontaminate PPE before its removal. (If after removal - wash separately). Where PPE cannot be cleaned dispose of as contaminated waste, (see section 13). Contain or absorb spillage with sand or earth - do not allow contamination of public drains or surface or ground waters. Collect contaminated sand or earth, transfer to heavy duty plastic bags or drums and keep safe before disposal (see section 13).
NB.	Inform local water plc immediately if spillage enters drains and the Environment Agency or Scottish Environmental Protection Agency if it enters surface or ground waters.

7. HANDLING AND STORAGE

Handling	Wash concentrate from skin or eyes immediately. When using do not eat, drink or smoke (S 20/21). Wash hands and exposed skin before meals and after work.
Storage	Keep out of reach of children (S 2). Keep away from food, drink and animal feeding stuffs (S 13). Recommended material for packaging : high density polyethylene. Keep away from frost. Keep in original container tightly closed in a safe place.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Wear suitable protective clothing (coveralls), suitable protective gloves and face protection (faceshield) when handling contaminated surfaces.

SAFETY DATA SHEET

FREEWAY

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	LIQUID Opaque, white
Relative density	1.170
Flash point	None

10. STABILITY AND REACTIVITY

No dangerous reaction known under normal conditions of storage.
Stable under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

LD50 oral route (mg/kg)	>2000 (rat)
LD50 dermal route (mg/kg)	>2000 (rat)
LC50 inhI (4h) rat mg/l	>4.07
Ocular application	Non irritant (rabbit)
Dermal application	Non irritant (rabbit) No sensitizing effect on guinea pig.
Known antidote	No specific antidote known, symptomatic treatment.

12. ECOLOGICAL INFORMATION

Based on the active ingredient(s).
Not toxic to bees.
Low toxicity to birds and mammals.
Harmful to fish.
LC50 (8 day) Bobwhite Quail 1730 mg/kg diet
LC50 (8 day) Japanese Quail/Ducklings
Pheasant Chicks >5000 mg/kg diet
LC50 fish (96 hr) 3-60 mg/l depending on species and exposure.

13. DISPOSAL CONSIDERATIONS

Follow the guidance on the disposal of pesticides and containers as given in Part 5 of the MAFF/HSE Pesticides: Code of Practice for the Safe Use of Pesticides on Farms and Holdings.

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14. TRANSPORT INFORMATION

Proper shipping	Environmentally hazardous substances, liquid, n.o.s. (contains Diuron 42.2% w/w)
RID/ADR Class	9
UN num	3082
Label	9
Enumeration	11\$c)
Maritime	Not regulated
Air	Not regulated

15. REGULATORY INFORMATION

Labellings	As EU Directive FRANCE	NC Xn	R Phrases R Phrases 48/22 S Phrases 2-13-20/21-46	S Phrases
WHO classification	IIIb			
Hazard classification	Not classified			
MAPP No.	11129			

16. OTHER INFORMATION

Suspension concentrate ALWAYS READ THE LABEL BEFORE USE

THIS INFORMATION CONCERNS ONLY THE PRODUCT CONFORMING TO ITS SPECIFICATION AND LIMITED TO THE USES HEREIN STATED.

This sheet complements the technical sheet of use but doesn't replace it. The information contained on this sheet is based on knowledge of the product on the date of publication. It is given in good faith.