

# SAFETY DATA SHEET

7/2/01

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Dow AgroSciences Limited

Latchmore Court  
Brand Street  
Hitchin  
Herts SG5 1NHEmergency Telephone Number: UK: 0870 600 2999  
Eire: 01 821 4999Poisons Information Centre: UK: 0121 507 5588/5589  
Eire: 01 837 9964/66Product Name: **FLEXIDOR\* 125 HERBICIDE : MAFF 05104**

LV70: 41362

Issue Date: Nov. 94

Ref: H8512

Revised: Nov. 00 (Section(s) 1 &amp; 15)

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### Components contributing to hazard:

			CAS	EINECS
Isoxaben	12.5 %	R53	082558-50-7	
Inert ingredients	Balance			
Composition Code	000491			

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## 3. HAZARDS IDENTIFICATION

This product is not hazardous according to EC criteria.

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## 4. FIRST-AID MEASURES

Never give fluids or induce vomiting if patient is unconscious or is having convulsions.

### Ingestion

Do not induce vomiting. Call a physician. The decision of whether to induce vomiting or not should be made by an attending physician.

### Eye Contact

Irrigate immediately with water for at least 5 minutes.

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# SAFETY DATA SHEET

7/2/01

FLEXIDOR\* 125 HERBICIDE : MAFF 05104

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**Skin Contact**

Wash thoroughly with soap and water.

**Inhalation**

Remove to fresh air. Consult a physician.

**Note to Physician**

No known antidote, however due to the low acute oral toxicity it is unlikely that one would be required. Supportive care. Treatment based on judgement of physician in response to symptoms of patient.

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**5. FIRE-FIGHTING MEASURES****Extinguishing Media**

Water fog or fine spray. Carbon dioxide. Dry chemical. Foam.

**Hazardous Combustion Products**

During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds.

**Protection of Firefighters**

Wear protective clothing and use self-contained breathing apparatus.

**Additional Information**

Keep containers cool by spraying with water. Contain runoff to prevent entry into water or drainage systems.

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**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Wear appropriate safety clothing and eye/face protection (see Section 8).

**Environmental Precautions**

Do not wash into sewers or into any body of water. Advise water authority if spillage has entered water course or drainage system.

**Methods of Cleaning Up**

Soak up with sand or other non-combustible absorbent material and place into containers for disposal. For large spills, barricade area and consult manufacturer. If further assistance is required, telephone the emergency contact number.

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**7. HANDLING AND STORAGE****Handling**

Use good personal hygiene. Do not consume or store food in the work area. Wash hands and exposed skin before eating, drinking or smoking and after work.

# SAFETY DATA SHEET

7/2/01

FLEXIDOR\* 125 HERBICIDE : MAFF 05104

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**Storage**

Product should be stored in compliance with local regulations. Store in a cool, dry, well-ventilated place in the original container. Protect from excessive heat and cold. Do not store near food, drink, animal feeding stuffs, pharmaceuticals, cosmetics or fertilisers. Keep out of reach of children.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

None established.

**Engineering Controls**

Good general ventilation should be sufficient.

**Respiratory Protection**

No respiratory protection should be needed.

For emergency conditions, use an approved positive-pressure self-contained breathing apparatus.

**Hand/Skin Protection**

Wear clean, long-sleeved, body-covering clothing. Use gloves, impervious to this material when prolonged or frequently repeated contact could occur.

For emergency conditions: Use protective clothing impervious to this material.

**Eye/Face Protection**

Use safety glasses. Where contact with the liquid is likely, chemical goggles are recommended.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: liquid
Colour	: milky white
Rel. density (water=1)	: 1.00-1.06 (20 deg.C)
Boiling point/range	: >100 deg.C
pH	: 7.0 (1% aqueous suspension)
Water solubility	: miscible
Flash point	: none

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**10. STABILITY AND REACTIVITY****Chemical Stability**

Is stable under normal storage conditions.

**Conditions to Avoid**

Avoid extremes of temperature.

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7/2/01

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**Materials to Avoid**

Strong basic, acidic or oxidising materials.

**Hazardous Decomposition Products**

None under normal conditions of storage and use.

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**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Assessment largely or completely based on data for active ingredient.

**Ingestion**

Single dose oral toxicity is considered to be extremely low.

The estimated oral LD50 for rats is >10000 mg/kg.

**Skin Contact**

The estimated dermal LD50 for rats is >2000mg/kg.

A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

Essentially non-irritating to skin.

**Eye Contact**

May cause slight eye irritation.

**Inhalation**

No adverse effects anticipated by this route of exposure incidental to proper handling.

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**12. ECOLOGICAL INFORMATION**

Assessment largely or completely based on data for active ingredient.

**Persistence and Degradability**

Undergoes microbial degradation in the soil. In soil, the half-life is approximately 150-180 days. There is no evidence of any significant leaching, therefore it is unlikely to contaminate ground water.

**Aquatic Toxicity**

Toxicity to aquatic species occurs at concentrations greater than the water solubility.

**Avian Toxicity**

Material is practically non-toxic to birds on an acute basis (LD50 >2000mg/kg).

# SAFETY DATA SHEET

7/2/01

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## 13. DISPOSAL CONSIDERATIONS

Do not contaminate ponds, waterways or ditches with chemical or used container. Wash out thoroughly. Container and washings must be disposed of safely and in accordance with applicable regulations. The preferred options are to send to licensed reclaimer or to permitted incinerators. Do not re-use container for any purpose.

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## 14. TRANSPORT INFORMATION

Product is not classified for any mode of transportation.

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## 15. REGULATORY INFORMATION

**Hazard Symbol :** None required

**Risk Phrases :** None required.

**Safety Phrases :** Wear suitable gloves and eye/face protection. (S37/39)

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## 16. OTHER INFORMATION

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The information herein is given in good faith and to the best of our knowledge but no warranty, express or implied, is made.