

**EAGLE 21383 10X0,12KG IE**Version 2 / IRL  
102000005501/6  
Revision Date: 02.12.2004  
Print Date: 02.12.2004**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product information**

Trade name	EAGLE 21383 10X0,12KG IE
Product code (UVP)	05938848
Product code	AE F075032 00 WG75 A1
Specification	21383
Usage	herbicide
Company	Bayer CropScience Bayer Ltd Chapel Lane, Swords CO Dublin Ireland
Telephone	+353-1-8132222
Telefax	+353-1-8132288
Emergency telephone number	1800-409-399

**2. COMPOSITION/INFORMATION ON INGREDIENTS****Chemical nature**Water dispersible granules (WG)  
Amidosulfuron 75 %**Hazardous components**

Chemical Name	CAS-No. / EINECS-No.	Symbol(s)	R-phrases(s)	Concentration [%]
Amidosulfuron	120923-37-7		R52/53	75.00
Sodium lauryl sulfate	151-21-3 205-788-1	Xn	R20/22, R37/38, R41	< 5.00

**3. HAZARDS IDENTIFICATION****Risk advice to man and the environment**

Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.

**4. FIRST AID MEASURES****Inhalation**

|| In case of accident by inhalation: remove casualty to fresh air and keep at rest. If symptoms persist, call a physician.

**Skin contact**

In case of contact with skin wash off immediately with soap and water. If symptoms persist, call a physician.

**Eye contact**

Immediately flush eye(s) with plenty of water. If eye irritation persists, consult a specialist.



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### Ingestion

Do not induce vomiting. Rinse mouth. Give small amounts of water to drink. Obtain medical attention.

### Notes to physician

### Symptoms

To date no symptoms are known.

### Treatment

Elementary aid, decontamination and symptomatic treatment.  
In the event of a mouthful or more being ingested, the following measures should be considered:  
If ingested, irrigate the stomach using activated charcoal in addition.  
Elimination by dialysis (forced alkaline diuresis).

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## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

water spray  
foam

### Extinguishing media which must not be used for safety reasons

dry powder  
carbon dioxide (CO<sub>2</sub>)

### Specific hazards during fire fighting

In the event of fire the following can be released:  
nitrogen oxides (NO<sub>x</sub>)  
Sulphur oxides  
carbon monoxide (CO)

### Special protective equipment for fire-fighters

In the event of fire, wear self-contained breathing apparatus.  
Wear full protective suit.

### Further information

Avoid generation of dust clouds

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## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions

**|| Use personal protective equipment.**

### Environmental Precautions

Keep people and animals away.  
Do not allow spilt product to enter soil or waterways  
If the product contaminates rivers and lakes or drains inform respective authorities.  
Local authorities should be advised if significant spillages cannot be contained.

### Methods for cleaning up

Avoid dust formation and electrical charging (sparking) because dust explosion might occur.  
Sweep up or vacuum up spillage and collect in suitable container for disposal.

### Additional advice

Information regarding waste disposal, see section 13.  
Information regarding personal protective equipment, see section 8.  
Information regarding safe handling, see section 7.

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

Advice on safe handling  
Ensure adequate ventilation.

Advice on protection against fire and explosion

|| The product is weakly capable of dust explosion.  
|| Care should be taken to avoid formation of dust from abraded granules.

**Storage**

Requirements for storage areas and containers

Store in original container.  
Keep tightly closed in a dry, cool and well-ventilated place.  
Keep away from direct sunlight.

Advice on common storage

Keep away from food, drink and animal feedingstuffs.

Storage stability

Storage period	24 Months
Storage temperature	20 - 30 °C
Other data	The storage temperature should lie between 0 °C and 30 °C, maximum up to 50 °C.

Suitable materials

polyamid innerlined polyethylene (coex) bottles

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Engineering measures**

See chapter 7; no measures exceeding those mentioned are necessary.

**Personal protective equipment**

Respiratory Protection      Particle filter half mask, filter FFP2 (Standard EN149)

|| Hand Protection      PVC gloves  
||                              nitrile gloves

Eye protection              safety glasses

Skin and body protection      dust impervious protective suit

Hygiene measures

When using, do not eat, drink or smoke.  
Wash hands before breaks and at the end of workday.

Protective measures

Do not breathe dust.  
Avoid contact with skin and eyes.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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Form	solid
Colour	beige
Odour	slightly acidic

**Safety data**

pH	4.7 - 4.8 at 10 % (20 °C) Suspension in water
Flash point	not applicable
Autoignition temperature	> 402 °C
Lower explosion limit	100 g/m <sup>3</sup>
Dust explosion Kst number	97 m.b./s
Dust explosion class	St1
Bulk density	ca. 450 - 500 kg/m <sup>3</sup>
Water solubility	710 g/l dispersible
Impact Sensitivity	Not impact-sensitive
Explosivity	92/69/EEC, A.14 / OECD 113 Not explosive
Dust content	Content: 0.1 % almost dustfree

**10. STABILITY AND REACTIVITY**

Thermal decomposition	140 °C Heating rate: 10 K/min DTA
Hazardous reactions	No dangerous reaction known under conditions of normal use.

**11. TOXICOLOGICAL INFORMATION**

Acute Oral Toxicity	LD50 (rat) > 5,000 mg/kg
Acute Inhalation Toxicity	LC50 (rat) > 5 mg/l Exposure time: 4 h
Acute Dermal Toxicity	LD50 (rat) > 4,000 mg/kg
Skin irritation	non-irritant (rabbit)
Eye irritation	slight irritant effect - does not require labelling (rabbit)

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Sensitization	Non-sensitizing (guinea pig) OECD 406, Buehler test
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**12. ECOLOGICAL INFORMATION****Elimination information (persistence and degradability)**

Biodegradability	The single components are biological degradable.
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**Ecotoxicity effects**

Toxicity to fish	LC50 (Cyprinus carpio (Carp)) 449 mg/l Exposure time: 96 h
Toxicity to fish	LC50 (Rainbow trout (Oncorhynchus mykiss)) 150 mg/l Exposure time: 96 h
Toxicity to daphnia	EC50 (Water flea (Daphnia magna)) 187 mg/l Exposure time: 48 h
Toxicity to algae	EC50 (Scenedesmus subspicatus) 122 mg/l Exposure time: 72 h

**13. DISPOSAL CONSIDERATIONS****Product**

In accordance with current regulations may be taken to waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority

**Contaminated packaging**

Packaging that cannot be cleaned should be disposed of as product waste.  
Rinsed packaging may be acceptable for landfill, otherwise incineration will be required in accordance with local regulations.

**Waste key for the unused product**

020108 agrochemical waste containing dangerous substances

**14. TRANSPORT INFORMATION**

ADNR	Not dangerous goods
ADR	Not dangerous goods
GGVE	Not dangerous goods
GGVS	Not dangerous goods
IATA_C	Not dangerous goods
IATA_P	Not dangerous goods
IMDG	Not dangerous goods
RID	Not dangerous goods

**15. REGULATORY INFORMATION**

Classification and labelling in accordance with the EC Directive on dangerous preparations



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1999/45/EC as amended.

Classification:

Hazard warning labelling not compulsory

Hazardous components which must be listed on the label:

- Amidosulfuron

Exceptional labelling

To avoid risks to man and the environment, comply with the instructions for use.

Further information

WHO-classification: III (Slightly hazardous)

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## 16. OTHER INFORMATION

### Further information

Text of R phrases mentioned in Section 2:

R20/22	Harmful by inhalation and if swallowed.
R37/38	Irritating to respiratory system and skin.
R41	Risk of serious damage to eyes.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The information given in this Data Sheet has been included in accordance with the guidelines established by EC Directive 1991/155/EC as amended. This data sheet complements the user's instructions, but does not replace them. The information it contains is based on the knowledge available about the product concerned at the time it was compiled. Users are further reminded of the possible risks of using a product for purposes other than those for which it was intended. The required information complies with current EEC legislation. Addressees are requested to observe any additional national requirements.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.