

## **SAFETY DATA SHEET**

### **1. Identification of the substance/preparation and of the company/undertaking**

#### *Identification of the product*

Catalogue No: 42011

ID No.: 4201100

Product name: **Alloxan**

#### *Manufacturer/supplier identification*

Company: Merck Eurolab Ltd, Merck House, Poole, Dorset, BH15 1TD, England  
Telephone : 01202 669700      Telefax : 01202 665599

Emergency telephone No.: 01202 669700

### **2. Composition/information on ingredients**

#### *Chemical characterization*

Organic solid

Product name: Alloxan

CAS number: 2244-11-3

EC-No.:

### **3. Hazards identification**

#### **4. First aid measures**

Eye contact: Irrigate thoroughly with water. If discomfort persists obtain medical attention.

Inhalation: Remove from exposure.

Skin contact: Wash off thoroughly with soap and water.

Ingestion: Wash out mouth thoroughly with water. In severe cases obtain medical attention.

## 5. Fire-fighting measures

### *Special risks:*

May evolve toxic fumes in fire.

### *Suitable extinguishing media:*

Not applicable

## 6. Accidental release measures

Wear appropriate protective clothing.

If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise transfer to container and arrange removal by disposal company. Wash site of spillage thoroughly with detergent and water.

For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillages.

## 7. Handling and storage

### *Handling:*

### *Storage:*

Store at room temperature (15 to 25°C recommended). Keep well closed and protected from direct sunlight and moisture.

## 8. Exposure controls/personal protection

As appropriate to the situation and the quantity handled.

Respirator: Dust respirator

Ventilation: Extraction hood

Gloves: Rubber or plastic

Eye Protection: Goggles or face-shield

Other Precautions: Plastic apron, sleeves, boots - if handling large quantities

## 9. Physical and chemical properties

Product description	White powder
Melting temperature	256d°C
Boiling temperature	n/a
Density(g/ml)	n/a
Vapour pressure	n/a

-Density n/a  
Solubility in water Very soluble

Flash point n/a  
Explosion limits: lower: n/a  
Auto-ignition temperature n/a

## 10. Stability and reactivity

May decompose on extended storage.

Isolated cases of spontaneous decomposition after extended storage have been reported.

## 11. Toxicological information

May be harmful if ingested in quantity. May irritate eyes.

### *Further data*

No data

No evidence of carcinogenic properties. Evidence of reproductive effects.

## 12. Ecological information

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

## 13. Disposal considerations

Chemical residues are generally classified as special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice, or pass to a chemical disposal company. Rinse out empty containers thoroughly before returning for recycling.

## 14. Transport information

UN-No.:	IMDG class: NR
IMO:	Packaging group:
IATA:	Packaging group:
Correct technical name:	
ADR/RID:	

## **15. Regulatory information**

### ***Labelling according to EC directives***

Symbol:

R-phrases:

S-phrases:

EC-No.:

### ***Local Regulations***

UK Exposure Limits: None assigned

## **16. Other information**

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