Potash House – P.O. Box 75 – Beer Sheva 84100, Israel Tel. (972-7) 646-5347 - Fax (972-7) 628-0533 E-mail: chemarket@dsw.co.il



### **Marketing Division Chemical Products**

# SAFETY DATA SHEET

## January 2000

## MAG FLAKES

## **ACCORDING TO EEC**

1. Trade Name:

Company:

Dead Sea Works Ltd.

P.O.Box 75 Beer-Sheva 84101

Israel

Tel:

972-7-6465347

**Emergency Information:** 

Sunday to Thursday between 7.30 am to 15.30 pm.

at Tel: 972-7-6465632

2. <u>Composition/Information</u> <u>on ingredients:</u>

Cas No.

7791-18-6

3. Possible Hazards:

Critical Hazards to man

and environment

Inapplicable

4. <u>First aid measures:</u>

On skin contact:

Wash with water

On contact with eyes:

Flush open eyes with plenty of water.

On ingestion:

Induce vomiting and consult physician.

5. Fire fighting measures:

Suitable extinguishing media:

Inapplicable, because not combustible

Special protective equipment:

Not required

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6. Accidental release measures:

> Personal precautions: No special measures required

Environmental precautions: Avoid contamination of water sources

Methods of cleaning up: Pick up mechanically and dispose according to point 13.

> Minor residues to be washed away with excessive water flow. Disposal of waste water according to regulations.

7. Handling and Storage:

> Handling: Prevent contact with water or humid atmosphere.

Protection against fire and

explosion: No special demands, because not combustible.

Keep dry in storage, avoid moisture. Storage:

8. **Personal protection:** 

Personal protective equipment:

Respiratory protection: Dust mask under strong dust development

Hand protection: Rubber gloves recommended if exposed for a long time

Eye protection: Safety goggles under strong dust development

Body protection: Not required.

9. Physical and Chemical properties:

> Form: Flakes Colour: White

Odour: None

Change in physical state: Hygroscopic

Flash Point: Not applicable, because not combustible

Explosion hazard: Not applicable 1.6 gr/cm<sup>3</sup> Density (20°C):

 $800 - 900 \text{ kg/m}^3$ Bulk Density: 167 g/100 ml water Solubility in water (20°C):

8.2

pH value:

10. Stability and reactivity

Hazardous decomposition products: Above 160°C decomposes giving HCl gases

Hazardous reactions: None

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#### 11. **Toxicological Information:**

Acutic Toxicity: LD5O/oral/rat - 8100 mg/kg.

Primary irritation (skin/eyes): no data available

Sensitizing: no sensitizing on human beings

Experiences in humans: None

Additional information: If handled according to regulations no danger to human

beings.

#### 12. **Ecological Information:**

## Behaviour and environmental

If properly introduced in small concentrations into adapted biological sewage treatment plants, decomposition of the activated sludge is not affected

Not available Ecotoxic effects

Not mentioned in the EC Regulations of 4/5/76 concerning discharge of dangerous materials into waters, neither in List I nor List II.

MgCl2 is a component of sea water.

#### 13. **Disposal considerations:**

Product: Transfer to a suitable waste deposit, thereby observing

local laws and regulations (special waste or

underground deposits).

Contaminated Packaging: Contaminated bags should be emtied thoroughly; after

proper cleaning they can be recycled.

#### 14. **Transportation Information:**

Is not a hazardous matrial according to the transport regulations.

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### **Marketing Division Chemical Products**

### 15. Regulatory Information:

Labelling according to EEC Directives

No specific marking required according to EC-Regulations 67/548

National legislation/regulations

Directives in case of accidents

not mentioned

Regulations on dangerous materials

not mentioned

Technical directives concerning air

not mentioned

In the catalogue of water jeopardizing products of June 12, 1987 in class WGK (0)

## 16. Other information:

The information contained herein is based on our present knowledge and is not meant to guarantee product properties.

Recipients of our product must take responsibility for observing existing laws and regulations.

Alan Becker Dead Sea Works Ltd.,

Chief Process Engineer Chemical Products