



# Safety Data Sheet

## Magic

Date: January 2020

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Revision 2

### Safety data sheet in accordance with 2001/58/EC

Product Name **MAGIC**

Product Code **KS14409**

#### 1 Identification of the substance/preparation and company

##### 1.1 Trade name: **Magic**

**Material number:** 101548

##### 1.2 Use of the substance/preparation.

Industry sector : Textile processing industry

Type of use : Stain treatment Textile auxiliary

##### 1.3 Identification of the company

**SUPPLIER:** Cleaning Warehouse Ltd  
Unit A10, The Square,  
Grants Rd, Greenogue Business Park  
Rathcoole, Dublin 24  
D24H512

**1.4 Emergency telephone number : 01-8092166 National Poison Centre Beaumont**

#### 2. Composition/information on ingredients

##### Chemical characterization

inorganic salts, sodium hydrosulfite, anionic

##### Hazardous ingredients

CAS EINECS Classification CHIP Classification CLP Conc %w/w

Sodium dithionite

CAS	EINECS	Classification CHIP	Classification CLP	Conc %w/w
7775-14-6	231-890-0	R7 R22 R31	Xn	60-70

Sodium carbonate

497-19-8	207-838-8	R36	Xi	5-20
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#### **3. Hazards identification**

Harmful if swallowed.

Contact with acids liberates toxic gas.

May cause fire.

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### 4. First aid measures

#### After inhalation

Immediately seek fresh air after inhaling of dust, vapour or aerosol.

#### After contact with skin

In case of contact with skin wash off immediately with plenty of water

#### After contact with eyes

Immediately rinse eyes with running water and seek medical advice.

#### After ingestion

If swallowed seek medical advice immediately (treat symptomatically).

### 5. Fire-fighting measures

**Suitable extinguishing media** excess of water

**Extinguishing media that must not be used for safety reasons**

Water mist

**Special hazards from the substance itself, its combustion products or from its vapours**  
phosphorus oxides sulfur oxides

**Special protective equipment for firefighting**

Use self-contained breathing apparatus

**Further information**

Firefighting water may not spill into open rivers and ponds.

### 6. Accidental release measures

**Personal precautions** Do

not inhale dust.

Ensure adequate ventilation.

**Environmental precautions**

Do not allow to enter drains or waterways

**Methods for cleaning up/taking up**

Take up with suitable equipment and if necessary collect in closed containers

### 7. Handling and storage

**Advice on protection against fire and explosion** The product is easily combustible.

The product is capable of a dust explosion.

**Advice on storage compatibility** Keep in a cool place away from acids Do not store together with oxidizing agents.

Keep away from water.

**Further information on storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place

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### **8. Exposure controls/personal protection**

**General protective measures:** Do not inhale dust

**Eye protection :** safety glasses

### **9. Physical and chemical properties**

**Form :** powder

**Colour :** white

**Odour :** yes

**Boiling point :** ( 1,013 hPa) not applicable

**Flash point :** not applicable

**Bulk density :** app. 1,100 kg/m<sup>3</sup>

**Solubility in water :** app. 250 g/l (20 °C)

**pH value :** app. 9 (20 °C, 10 g/l)

### **10. Stability and reactivity**

**10.1 Thermal decomposition :** 100 °C

Method : SANDOZ Radex dynamic decomposition test

**10.2 Thermal decomposition :** < 80 °C

Method : SANDOZ Radex isoperibolic decomposition test

**10.3 Hazardous reactions** Exothermic reaction.

Reactions with oxidising agents.

Reactions with acids.

Reactions with water.

**10.4 Hazardous decomposition products**

sulfur dioxide

**105 Conditions to avoid**

moisture heat

### **11. Toxicological information**

**Acute oral toxicity :** LD50 3,000 mg/kg (rat)

Method : unvalidated test method.

**Irritant effect on skin :** non-irritant (rabbit)

Method : unvalidated test method.

**Irritant effect on eyes :** irritant (rabbit)

Method : unvalidated test method.

### **12. Ecological information**

**12.1 Physico-chemical eliminability :**

The product can be degraded by abiotic, e.g. chemical or photolytic, processes.

**12.2 Fish toxicity :** LC50 10 - 100 mg/l (96 h, *Leuciscus idus*)

**12.3 Daphnia toxicity :** EC50 > 100 mg/l (48 h, *Daphnia magna*)

**12.4 Bacteria toxicity :** IC50 10 - 100 mg/l (other protozoa)

**12.5 Chemical oxygen demand (COD) :** 250Mg/g

**12.6 Biochemical oxygen demand (BOD5) :** 30 mg/g 5 d

### **Remarks**

The product was classified on the basis of the calculation procedure of the preparations directive.

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### **13. Disposal considerations**

#### **Product**

**Composition** Dispose of in accordance with local authority regulations

Na , O , P , S ,

### **14. Transport information**

#### **14.1 ADR**

Proper shipping name: Sodium dithionite

Class: 4.2

Packing group: II

UN no. UN 1384

Primary risk: 4.2

Remarks Shipment permitted

Hazard inducer(s): mixture

#### **14.2 ADN**

Proper shipping name: Sodium dithionite

Class: 4.2

Packing group: II

UN no. UN 1384

Primary risk: 4.2

Remarks Shipment permitted

Hazard inducer(s): mixture

#### **RID**

Proper shipping name: Sodium dithionite

Class: 4.2

Packing group: II

UN no. UN 1384

Primary risk: 4.2

Remarks Shipment permitted

Hazard inducer(s): mixture

#### **IATA**

Proper shipping name: Sodium dithionite

Class: 4.2

Packing group: II

UN/ID number: UN 1384

Primary risk: 4.2

Remarks Shipment permitted

Hazard inducer(s): mixture

#### **IMDG**

Proper shipping name: Sodium dithionite

Class: 4.2

Packing group: II

UN no. UN 1384

Primary risk: 4.2

Remarks Shipment permitted

Hazard inducer(s): mixture EmS : F-A S-J

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### **15. Regulatory information**

#### **Labelling in accordance with EC-Directives**

The product is classified and labelled in accordance with EC Directives

#### **Hazard symbols**

Xn Harmful

#### **Hazardous component(s) to be indicated on label**

Sodium dithionite

#### **R phrases**

7 May cause fire.

22 Harmful if swallowed.

31 Contact with acids liberates toxic gas.

#### **S phrases**

7/8 Keep container tightly closed and dry.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

28.1 After contact with skin, wash immediately with plenty of water.

43.1 In case of fire, use water.

50.1 Do not mix with acids.

### **16. Other information**

#### **Text of the R-phrases which are allocated to the ingredients/components mentioned in section 2 of this Safety Data Sheet.**

This safety data sheet has been prepared according to EU Commission Regulation 453/2010

The information supplied in this document is based on our present state of knowledge and is given in good faith. It is not intended and should not be construed as a specification or guarantee of specific properties. The responsibility remains with the user to comply with all relevant laws, regulations and directives, to make their own assessment of workplace risks and to determine the suitability of the product for a particular use or application. The hazards information in this data sheet refers to the material as supplied and not to any subsequent dilution or mixture.

The full text of the R phrases referred to in section 3 are shown below. These classifications apply to the ingredients, in their concentrated form, which contribute to the classification of the product or mixture

R22: Harmful if swallowed.

R36/38: Irritating to eyes and skin.

R52: Harmful to aquatic organisms.

R52/53: Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

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### Abbreviations and acronyms

<b>ADR</b>	<b>European Agreement concerning the International Carriage of Goods by Road</b>
<b>CAS</b>	<b>Chemical Abstracts Service</b>
<b>CHIP</b>	<b>Chemicals (Hazard Information and Packaging) Regulations – Directives 1999/45/EC and 67/548/EC</b>
<b>CLP</b>	<b>Classification and Labelling of Chemicals – Regulation (EC) No. 1272/2008</b>
<b>CMR</b>	<b>Carcinogenic-mutagenic-toxic for reproduction</b>
<b>EINECS</b>	<b>European Inventory of Existing Commercial Chemical Substances</b>
<b>GHS</b>	<b>Globally Harmonised System of Classification and Labelling of Chemicals</b>
<b>IATA</b>	<b>International Air Transport Association</b>
<b>IMDG</b>	<b>International Maritime Dangerous Goods Code</b>
<b>LC50</b>	<b>Lethal Concentration, 50%</b>
<b>LD50</b>	<b>Lethal Dose, 50%</b>
<b>OEL</b>	<b>Occupational Exposure Limit</b>
<b>PBT</b>	<b>Persistent, Bioaccumulative, Toxic</b>
<b>vPvB</b>	<b>very Persistent, very Bioaccumulative</b>
<b>RID</b>	<b>Convention concerning International Carriage by Rail</b>
<b>WEL</b>	<b>Workplace Exposure Limit</b>
<b>VOC</b>	<b>Volatile Organic Compound</b>

The data are based on the current state of our knowledge, and are intended to describe the product with regard to the requirements of safety. The data should not be taken to imply any guarantee of a particular or general specification. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method of use. We do not accept responsibility for any harm caused by the use of this information. In all cases, our general conditions of sale apply.