



## SAFETY DATA SHEET

### The Pink Stuff The Miracle Laundry Oxi Powder Stain Remover for Whites

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name	The Pink Stuff The Miracle Laundry Oxi Powder Stain Remover for Whites
Product number	BLE508
UFI	UFI: PMD1-00AD-K007-F2GY

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Laundry Stain Remover
Uses advised against	Use only for intended applications.

##### 1.3. Details of the supplier of the safety data sheet

Supplier	Star Brands Limited Unit E Millshaw Business Living Global Avenue Leeds LS11 8PR England +44 (0) 113 2666 300 +44 (0) 113 2666 690 sds@starbrandsltd.co.uk
Contact person	sds@starbrandsltd.co.uk

##### 1.4. Emergency telephone number

Emergency telephone	+44 (0) 113 2666 300 (09.00-17.00 Mon-Fri)
National emergency telephone number	111 (24 hours UK)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Eye Dam. 1 - H318
Environmental hazards	Not Classified

##### 2.2. Label elements

###### Hazard pictograms



Signal word	Danger
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<b>Hazard statements</b>	H318 Causes serious eye damage.
<b>Precautionary statements</b>	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use. P280 Wear protective gloves and eye protection P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/ doctor. P501 Dispose of contents/ container in accordance with local regulations.
<b>Contains</b>	Sodium Percarbonate

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>Sodium Percarbonate</b>	<b>30-60%</b>
CAS number: 15630-89-4	EC number: 239-707-6
<b>Classification</b>	
Ox. Sol. 2 - H272 Acute Tox. 4 - H302 Eye Dam. 1 - H318	
<b>sodium carbonate</b>	<b>30-60%</b>
CAS number: 497-19-8	EC number: 207-838-8
<b>Classification</b>	
Eye Irrit. 2 - H319	
<b>SUBTILISIN</b>	<b>&lt;1%</b>
CAS number: 9014-01-1	EC number: 232-752-2
M factor (Acute) = 1	
<b>Classification</b>	
Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Resp. Sens. 1 - H334 STOT SE 3 - H335 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Inhalation** Move affected person to fresh air at once. Get medical attention if any discomfort continues.

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<b>Ingestion</b>	Keep affected person warm and at rest. Do not induce vomiting unless under the direction of medical personnel. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues. If in doubt, get medical attention promptly.
<b>Skin contact</b>	Remove contamination with soap and water or recognised skin cleansing agent. Get medical attention if any discomfort continues. Get medical attention if symptoms are severe or persist after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse cautiously with water for several minutes. Get medical attention immediately. Continue to rinse.

### 4.2. Most important symptoms and effects, both acute and delayed

<b>General information</b>	The product is considered to be a low hazard under normal conditions of use. See Section 11 for additional information on health hazards.
<b>Inhalation</b>	The product is considered to be a low hazard under normal conditions of use.
<b>Ingestion</b>	The product is considered to be a low hazard under normal conditions of use. May be harmful if swallowed.
<b>Skin contact</b>	Prolonged skin contact may cause temporary irritation. Skin irritation should not occur when used as recommended.
<b>Eye contact</b>	Causes serious eye damage.

### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Treat symptomatically.
<b>Specific treatments</b>	No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt GET MEDICAL ATTENTION PROMPTLY!

## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

**Suitable extinguishing media** The product is not flammable. Extinguish with foam, carbon dioxide or dry powder.

### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	The product is non-combustible. The product is not flammable.
<b>Hazardous combustion products</b>	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Use special protective clothing.

## **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Avoid inhalation of vapours. Avoid contact with eyes and prolonged skin contact. Wear protective clothing and gloves.
<b>For non-emergency personnel</b>	Remove persons for safety reasons
<b>For emergency responders</b>	Wear breathing apparatus if exposed to vapours/spray/gases

### 6.2. Environmental precautions

**Environmental precautions** Not considered to be a significant hazard due to the small quantities used. Avoid discharge into drains or watercourses or onto the ground.

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### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Dispose of contents/container in accordance with local regulations.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8.

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

**Usage precautions** Avoid contact with eyes and prolonged skin contact. Avoid inhalation of vapours and spray/mists. Provide adequate ventilation.

**Advice on general occupational hygiene** When using do not eat, drink or smoke. Wash contaminated skin thoroughly after handling.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep in a cool place.

**Storage class** Unspecified storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## **SECTION 8: Exposure controls/Personal protection**

### 8.1. Control parameters

#### Occupational exposure limits

##### **Sodium Percarbonate**

Long-term exposure limit (8-hour TWA): 5mg/m<sup>3</sup>

##### **SUBTILISIN**

Long-term exposure limit (8-hour TWA): WEL 0.00004mg/m<sup>3</sup>

Sen = Capable of causing occupational asthma

#### **Sodium Percarbonate (CAS: 15630-89-4)**

<b>DNEL</b>	Workers - Dermal; Short term local effects: 12.8 mg/cm <sup>2</sup> Workers - Inhalation; Long term local effects: 5 mg/m <sup>3</sup> Consumer - Dermal; Short term local effects: 6.4 mg/cm <sup>2</sup>
<b>PNEC</b>	Fresh water; 35 µg/L Sediment (Freshwater); 10 µg/L STP; 16 µg/L

#### **sodium carbonate (CAS: 497-19-8)**

<b>DNEL</b>	Industry - Inhalation; Long term local effects: 10 mg/m <sup>3</sup> Consumer - Inhalation; Short term local effects: 10 mg/m <sup>3</sup>
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#### **Sodium dodecylbenzene sulphonate (CAS: 68411-30-3)**

<b>PNEC</b>	Intermittent release; 0.017 mg/l Fresh water; 0.017 mg/l
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### SUBTILISIN (CAS: 9014-01-1)

<b>DMEL</b>	Workers - Inhalation; Long term local effects: 0.06 mg/m <sup>3</sup> Professional, Consumer - Inhalation; Long term local effects, local effects: 0.015 mg/m <sup>3</sup>
<b>PNEC</b>	Fresh water; 0.06 mg/l marine water; 0.006 mg/l STP; 65000 mg/l

### 8.2. Exposure controls

#### Protective equipment



<b>Appropriate engineering controls</b>	Avoid inhalation of vapours and spray/mists. Provide adequate ventilation.
<b>Eye/face protection</b>	Wear eye protection.
<b>Hand protection</b>	Wear protective gloves. It should have a minimum thickness of 0.55mm
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of skin contact.
<b>Hygiene measures</b>	Wash hands thoroughly after handling. Do not smoke in work area.
<b>Respiratory protection</b>	No specific requirements are anticipated under normal conditions of use.
<b>Environmental exposure controls</b>	Ensure all engineering measures mentioned in section 7 of this SDS are in place

### **SECTION 9: Physical and chemical properties**

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Powder/Granules
<b>Colour</b>	White/off-white.
<b>Odour</b>	Mild. Fragrant.
<b>Odour threshold</b>	No specific test data are available.
<b>pH</b>	pH (diluted solution): 10.50 - 11.50 4%
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	Not available.
<b>Flash point</b>	This product does not sustain combustion.
<b>Evaporation rate</b>	No information available.
<b>Evaporation factor</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Other flammability</b>	Not applicable.
<b>Vapour pressure</b>	Not known.

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<b>Vapour density</b>	Not known.
<b>Relative density</b>	1.10 - 1.30 g/ml
<b>Bulk density</b>	Not determined.
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	Not known.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	Not applicable.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.
<b>Comments</b>	Information given is applicable to the product as supplied.

### 9.2. Other information

<b>Refractive index</b>	No information required.
<b>Particle size</b>	No specific test data are available.
<b>Molecular weight</b>	No information required.
<b>Volatility</b>	Not available.
<b>Saturation concentration</b>	Not applicable.
<b>Critical temperature</b>	Not applicable.
<b>Volatile organic compound</b>	No information required.

## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

<b>Stability</b>	No particular stability concerns.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	There are no known conditions that are likely to result in a hazardous situation.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	No known hazardous decomposition products.
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## The Pink Stuff The Miracle Laundry Oxi Powder Stain Remover for Whites

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects** We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 3,270.73

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Skin corrosion/irritation

**Skin corrosion/irritation** Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye damage.

#### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

#### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

#### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

#### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

#### Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

#### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

#### Aspiration hazard

**Aspiration hazard** Based on the available information, classification criteria are not met.

#### Toxicological information on ingredients.

#### Sodium Percarbonate

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 1,034.0

**Species** Rat

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ATE oral (mg/kg) 1,034.0

### sodium carbonate

#### Acute toxicity - oral

Notes (oral LD<sub>50</sub>) LD<sub>50</sub> 2,800 mg/kg, Oral, Rat

#### Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) LD<sub>50</sub> 2,000 mg/kg, Dermal, Rat

#### Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>) LC<sub>50</sub> 2.300 mg/l, Inhalation, Rat

### Optical Brightener

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 5,001.0

Species Rat

ATE oral (mg/kg) 5,001.0

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 2,001.0

Species Rat

ATE dermal (mg/kg) 2,001.0

#### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> dust/mist mg/l) 1,895.0

Species Rat

ATE inhalation (dusts/mists mg/l) 1,895.0

### SUBTILISIN

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 1,800.0

Species Rat

ATE oral (mg/kg) 500.0

## SECTION 12: Ecological information

### 12.1. Toxicity

**Toxicity** The product contains a substance which is harmful to aquatic organisms.

### Ecological information on ingredients.

#### Sodium Percarbonate

#### Acute aquatic toxicity



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**Acute toxicity - fish** LC<sub>50</sub>, 70.7 : mg/l,

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 4.9 : mg/l, Daphnia magna

### Chronic aquatic toxicity

**Chronic toxicity - fish early life stage** NOEC, 7.4 : mg/l, Pimephales promelas (Fat-head Minnow)

### sodium carbonate

### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 300 mg/l, Lepomis macrochirus (Bluegill)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 265 mg/l, Daphnia magna

### Optical Brightener

### Chronic aquatic toxicity

**Chronic toxicity - fish early life stage** NOEC, 100 : mg/l, Fish

**Chronic toxicity - aquatic invertebrates** NOEC, 1 : mg/l, Daphnia magna

### SUBTILISIN

### Acute aquatic toxicity

**LE(C)<sub>50</sub>** 0.1 < L(E)C<sub>50</sub> ≤ 1

**M factor (Acute)** 1

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 8.2 mg/l, Fish

## 12.2. Persistence and degradability

**Persistence and degradability** The product is biodegradable.

## 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

**Partition coefficient** Not available.

## 12.4. Mobility in soil

**Mobility** The product is immiscible with water and will spread on the water surface.

## 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

## 12.6. Other adverse effects

**Other adverse effects** Negligible ecotoxicity

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

**General information** The generation of waste should be minimised or avoided wherever possible. Dispose of waste product or used containers in accordance with local regulations

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<b>Disposal methods</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
<b>Waste class</b>	The waste code classification is to be carried out according to the European Waste Catalogue (EWC).

### SECTION 14: Transport information

<b>General</b>	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
<b>Road transport notes</b>	Not regulated.
<b>Rail transport notes</b>	Not regulated.
<b>Sea transport notes</b>	Not classified.
<b>Air transport notes</b>	Not classified.

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

Not regulated.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

##### **Environmentally hazardous substance/marine pollutant**

No.

#### 14.6. Special precautions for user

Ensure that persons transporting the product know what to do in the event of an accident or spillage. Always transport in closed containers that are upright and secure.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not relevant.

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

<b>EU legislation</b>	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
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#### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

## The Pink Stuff The Miracle Laundry Oxi Powder Stain Remover for Whites

### SECTION 16: Other information

<b>Abbreviations and acronyms used in the safety data sheet</b>	<p>ATE: Acute Toxicity Estimate.</p> <p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.</p> <p>ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.</p> <p>CAS: Chemical Abstracts Service.</p> <p>DNEL: Derived No Effect Level.</p> <p>GHS: Globally Harmonized System.</p> <p>LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.</p> <p>LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).</p> <p>PNEC: Predicted No Effect Concentration.</p> <p>REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.</p> <p>SVHC: Substances of Very High Concern.</p> <p>vPvB: Very Persistent and Very Bioaccumulative.</p> <p>IARC: International Agency for Research on Cancer.</p> <p>MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.</p> <p>cATpE: Converted Acute Toxicity Point Estimate.</p> <p>EC<sub>50</sub>: 50% of maximal Effective Concentration.</p> <p>LOAEC: Lowest Observed Adverse Effect Concentration.</p> <p>LOAEL: Lowest Observed Adverse Effect Level.</p> <p>LOEC: Lowest Observed Effect Concentration.</p> <p>DMEL: Derived Minimal Effect Level.</p> <p>RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.</p> <p>IATA: International Air Transport Association.</p> <p>IMDG: International Maritime Dangerous Goods.</p>
<b>Classification abbreviations and acronyms</b>	<p>Acute Tox. = Acute toxicity</p> <p>Aquatic Acute = Hazardous to the aquatic environment (acute)</p> <p>Aquatic Chronic = Hazardous to the aquatic environment (chronic)</p> <p>Asp. Tox. = Aspiration hazard</p> <p>Carc. = Carcinogenicity</p> <p>STOT RE = Specific target organ toxicity-repeated exposure</p> <p>STOT SE = Specific target organ toxicity-single exposure</p>
<b>Revision date</b>	06/05/2020
<b>Revision</b>	5
<b>Supersedes date</b>	28/04/2020
<b>SDS number</b>	6099
<b>Hazard statements in full</b>	<p>H272 May intensify fire; oxidiser.</p> <p>H302 Harmful if swallowed.</p> <p>H315 Causes skin irritation.</p> <p>H318 Causes serious eye damage.</p> <p>H319 Causes serious eye irritation.</p> <p>H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.</p> <p>H335 May cause respiratory irritation.</p> <p>H400 Very toxic to aquatic life.</p> <p>H411 Toxic to aquatic life with long lasting effects.</p>