

# SAFETY DATA SHEET

BIO WASHING POWDER

Page: 1

Compilation date: 31/08/2018

Revision No: 1

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

### 1.1. Product identifier

**Product name:** BIO WASHING POWDER

**Product code:** 89/02

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

**Use of substance / mixture:** Cleaning product for professional use.

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

**Company name:** M & G Energy  
London Road Mall  
Kingswood Trading Estate  
Pembroke Dock  
Pembrokeshire  
SA72 4RS

**Tel:** 01646 622644

**Email:** matt@mgenenergy.co.uk

### 1.4. Emergency telephone number

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CLP:** Skin Irrit. 2: H315; Eye Dam. 1: H318; -: EUH208

**Most important adverse effects:** Contains subtilisin. May produce an allergic reaction. Causes skin irritation. Causes serious eye damage.

### 2.2. Label elements

**Label elements:**

**Hazard statements:** EUH208: Contains subtilisin. May produce an allergic reaction.

H315: Causes skin irritation.

H318: Causes serious eye damage.

**Hazard pictograms:** GHS05: Corrosion



**Signal words:** Danger

**Precautionary statements:** P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove

[cont...]

# SAFETY DATA SHEET

## BIO WASHING POWDER

Page: 2

contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor.

P321: Specific treatment (see supplemental first aid instruction on this label)

P362+P364: Take off contaminated clothing and wash it before reuse.

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

##### SODIUM CARBONATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
207-838-8	497-19-8	-	Eye Irrit. 2: H319	1-10%

##### SODIUM CARBONATE PEROXIDE

239-707-6	15630-89-4	-	Ox. Sol. 2: H272; Eye Dam. 1: H318; Acute Tox. 4: H302	1-10%
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##### DISODIUM METASILICATE

229-912-9	6834-92-0	-	Skin Corr. 1B: H314; STOT SE 3: H335	<1%
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##### SUBTILISIN

232-752-2	9014-01-1	-	STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318; Resp. Sens. 1: H334; Aquatic Acute 1: H400	<1%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

[cont...]

# SAFETY DATA SHEET

## BIO WASHING POWDER

Page: 3

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

**Exposure hazards:** In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

**Personal precautions:** Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Do not create dust.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

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

**Clean-up procedures:** Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

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# SAFETY DATA SHEET

BIO WASHING POWDER

Page: 4

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** No data available.

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Not required for normal conditions of use.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses are not normally required. However their use is recommended where there is a risk of spray mist or splashing when using or handling product.

**Skin protection:** Wear appropriate clothing to prevent any possibility of skin contact.

## Section 9: Physical and chemical properties

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

**State:** Powder

**Colour:** White

### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

[cont...]

# SAFETY DATA SHEET

BIO WASHING POWDER

Page: 5

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Hazardous ingredients:

##### SODIUM CARBONATE

ORL	MUS	LD50	6600	mg/kg
ORL	RAT	LD50	4090	mg/kg
SCU	MUS	LD50	2210	mg/kg

##### DISODIUM METASILICATE

ORL	MUS	LD50	770	mg/kg
ORL	RAT	LD50	1153	mg/kg

##### SUBTILISIN

ORL	RAT	LD50	3700	mg/kg
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#### Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

[cont...]

# SAFETY DATA SHEET

BIO WASHING POWDER

Page: 6

## 12.4. Mobility in soil

## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory information

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

**Specific regulations:** Not applicable.

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H272: May intensify fire; oxidiser.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335: May cause respiratory irritation.

H400: Very toxic to aquatic life.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive

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## **SAFETY DATA SHEET**

BIO WASHING POWDER

**Page: 7**

and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.