

# SAFETY DATA SHEET

## Non-Bio Washing Powder

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

#### 1.1. Product identifier

Product name Non-Bio Washing Powder

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

Identified uses Washing Powder PC35 Washing and cleaning products

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

Supplier Aztec Chemicals  
Unit 16, University Way  
Orion Park  
Crewe  
Cheshire  
CW1 6NG  
+ 44 (0) 1270 655500 (T)  
+ 44 (0) 1270 655501 (F)  
info@aztecchemicals.com

#### 1.4. Emergency telephone number

Emergency telephone +44 (0)7831 300868

### SECTION 2: Hazards identification

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

##### Classification

Physical hazards Not Classified

Health hazards Skin Corr. 1B - H314 Eye Dam. 1 - H318

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Xi;R36.

Human health Prolonged or repeated contact with skin or eyes may cause irritation.

#### 2.2. Label elements

##### Pictogram



Signal word Danger

Hazard statements H314 Causes severe skin burns and eye damage.

## Non-Bio Washing Powder

<b>Precautionary statements</b>	<p>P260 Do not breathe vapour/spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/container in accordance with national regulations.</p>
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**Supplemental label information** RCH002b For professional users only.

**Contains** DISODIUM METASILICATE

### 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>DISODIUM METASILICATE</b> <span style="float: right;"><b>10-30%</b></span>		
CAS number: 6834-92-0	EC number: 229-912-9	REACH registration number: 01-2119449811-37
<b>Classification</b> Skin Corr. 1B - H314 STOT SE 3 - H335 Eye Dam. 1 - H318	<b>Classification (67/548/EEC or 1999/45/EC)</b> C;R34 Xi;R37	
<b>SODIUM CARBONATE</b> <span style="float: right;"><b>5-10%</b></span>		
CAS number: 497-19-8	EC number: 207-838-8	REACH registration number: 01-2119485498-19
<b>Classification</b> Eye Irrit. 2 - H319	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi;R36	
<b>Sodium Percarbonate</b> <span style="float: right;"><b>5-10%</b></span>		
CAS number: 15630-89-4	EC number: 239-707-6	
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319		

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

## SECTION 4: First aid measures

## Non-Bio Washing Powder

### 4.1. Description of first aid measures

<b>Inhalation</b>	Move the patient to fresh air. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. Get medical attention. If conscious, give half a litre of water to drink immediately.
<b>Skin contact</b>	Rinse immediately with plenty of water. Get medical attention if irritation persists after washing. Wash hands thoroughly after handling.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Immediate effects can be expected after short-term exposure.
<b>Ingestion</b>	There may be soreness and redness of the mouth and throat.
<b>Skin contact</b>	Causes mild skin irritation.
<b>Eye contact</b>	May cause irritation. Redness.

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

<b>Notes for the doctor</b>	Treat symptomatically.
<b>Specific treatments</b>	Eye wash facilities and emergency shower must be available when handling this product.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire. The product is not flammable.

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

**Specific hazards** The product is not combustible but in a fire may release oxygen, which can increase the burning rate of flammable materials.

### 5.3. Advice for firefighters

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

## SECTION 6: Accidental release measures

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

**Personal precautions** In case of spills, beware of slippery floors and surfaces.

### 6.2. Environmental precautions

**Environmental precautions** Prevent spillage of large quantities of undiluted product in surface or groundwater Prevent entry into drains.

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

**Methods for cleaning up** Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. Shovel into dry containers. Cover and move the containers. Flush the area with water.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

## Non-Bio Washing Powder

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Handle and open packing with care. Avoid contact with skin, eyes and clothing.

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

**Storage precautions** Store in tightly-closed, original container in a dry and cool place.

#### 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

##### DISODIUM METASILICATE

Long-term exposure limit (8-hour TWA): No std.

#### 8.2. Exposure controls

##### Protective equipment



**Appropriate engineering controls**

No specific ventilation requirements.

**Personal protection**

When using do not smoke

**Eye/face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

**Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

**Other skin and body protection**

Wear protective clothing.

**Hygiene measures**

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

**Respiratory protection**

No specific recommendations.

### SECTION 9: Physical and Chemical Properties

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

**Appearance**

Powder.

**Colour**

White.

**Odour**

Pleasant, agreeable.

**pH**

pH (concentrated solution): 10-11

**Solubility(ies)**

Soluble in water.

**Comments**

Information given is applicable to the major ingredient.

#### 9.2. Other information

**Other information**

Not available.

## Non-Bio Washing Powder

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** Stable at normal ambient temperatures and when used as recommended.

#### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Does not decompose when used and stored as recommended. Under normal conditions of storage and use, no hazardous reactions will occur.

#### 10.4. Conditions to avoid

**Conditions to avoid** Do not mix with other detergents. When exposed to air, this product will absorb moisture. Humidity

#### 10.5. Incompatible materials

**Materials to avoid** Keep away from oxidising materials, heat and flames. Water, moisture.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

**ATE oral (mg/kg)** 10,000.0

**Inhalation** May cause respiratory system irritation.

**Ingestion** There may be soreness and redness of the mouth and throat.

**Skin contact** Powder may irritate skin.

**Eye contact** Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

**Acute and chronic health hazards** Immediate effects can be expected after short-term exposure.

#### Toxicological information on ingredients.

#### DISODIUM METASILICATE

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 770.0

**Species** Mouse

**ATE oral (mg/kg)** 770.0

#### Sodium Percarbonate

##### Acute toxicity - oral

**ATE oral (mg/kg)** 500.0

## Non-Bio Washing Powder

### SECTION 12: Ecological Information

**Ecotoxicity** The product is not expected to be hazardous to the environment.

#### 12.1. Toxicity

**Toxicity** Not available.

#### 12.2. Persistence and degradability

**Persistence and degradability** Not available.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not available.

#### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

#### 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** Not available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** Dispose of as normal industrial waste.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Transfer to a suitable container and arrange for collection by a specialised disposal company.

### SECTION 14: Transport information

**General** Packs of 1kg or less are not regulated under the Limited Quantities provisions.

#### 14.1. UN number

**UN No. (ADR/RID)** 3262

**UN No. (IMDG)** 3262

**UN No. (ICAO)** 3262

**UN No. (ADN)** 3262

#### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (CONTAINS DISODIUM METASILICATE)

**Proper shipping name (IMDG)** CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (CONTAINS DISODIUM METASILICATE)

**Proper shipping name (ICAO)** CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (CONTAINS DISODIUM METASILICATE)

**Proper shipping name (ADN)** CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (CONTAINS DISODIUM METASILICATE)

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

**ADR/RID class** 8

## Non-Bio Washing Powder

<b>ADR/RID classification code</b>	C6
<b>ADR/RID label</b>	8
<b>IMDG class</b>	8
<b>ICAO class/division</b>	8
<b>ADN class</b>	8

### Transport labels



### 14.4. Packing group

<b>ADR/RID packing group</b>	II
<b>IMDG packing group</b>	II
<b>ADN packing group</b>	II
<b>ICAO packing group</b>	II

### 14.5. Environmental hazards

#### Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

<b>EmS</b>	F-A, S-B
<b>ADR transport category</b>	2
<b>Emergency Action Code</b>	2X
<b>Hazard Identification Number (ADR/RID)</b>	80
<b>Tunnel restriction code</b>	(E)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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

## SECTION 15: Regulatory information

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

<b>National regulations</b>	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
<b>EU legislation</b>	Commission Regulation (EU) No 453/2010 of 20 May 2010.
<b>Guidance</b>	Workplace Exposure Limits EH40. CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## Non-Bio Washing Powder

### SECTION 16: Other information

<b>Revision comments</b>	This is first issue.
<b>Revision date</b>	05/05/2016
<b>SDS number</b>	11653
<b>SDS status</b>	Approved.
<b>Risk phrases in full</b>	R22 Harmful if swallowed. R36 Irritating to eyes. R38 Irritating to skin. R41 Risk of serious damage to eyes. R50 Very toxic to aquatic organisms.
<b>Hazard statements in full</b>	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. H335 May cause respiratory irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.