



# SAFETY DATA SHEET

## Biological Washing Powder

Atoma Chemicals

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

Product Name : Bio Supplier : At-o-ma Chemicals  
 Builder Street West  
 Llandudno  
 Conwy  
 North Wales  
 LL30 1HH

EMERGENCY ONLY 0800 to 1600 weekdays Tel No : 01492 860773  
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### 2 Composition/information on ingredients

Substance/Preparation : Preparation

Hazardous ingredients *	CAS No.	%	EC Number	Symbol	R-Phrases
1) Sodium Carbonate	497-19-8	10-20%	207-838-8		Xi;R36
Sodium Percarbonate	15630-89-4	5-10%	239-707-6		Xn;R22, Xi R41, O R8
Alkyl Benzene sulphonic Acid	85117-50-6	1-5%	285-600-2		Xn;R22, Xi R41, O R38
C12-15 Alcohol Ethoxylate	68131-39-5	1-5%			Xn;R22, Xi R41, N R50
Enzymes	01/01/9014	0-1%			Xi;R37/38 R41/42

\* Occupational Exposure Limit(s), if available, are listed in Section 8

CAS No. : Mixture  
 EINECS Number : Mixture

### 3 Hazard Identification

Human Health Hazard : Harmful if swallowed.  
 Risk of serious damage to eyes.

### 4 First-Aid Measures

#### First aid measures

- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.
- Ingestion** : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin Contact** : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention.

Eye Contact : In case of contact, immediately flush eyes with a copius amount of water for at least 15 minutes. Obtain medical attention immediately.

#### Effects and Symptoms

Inhalation : Inhalation of the spray mist may produce severe irritation of respiratory tract, characterised by coughing, choking or shortness of breath. Overexposure by inhalation may cause respiratory irritation.

Ingestion : May be fatal if swallowed. Maay cause burns to mouth, throat and stomach. Harmful if swallowed.

Eye Contact : Very hazardous in case of eye contact ( irritant ). Corrosive to eyes. Inflammation of the eye is characterised by redness, watering and itching.

Aggravating : Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation.

Conditions : Repeated or prolonged exposure to spray mist may produce respiratory tract irritation, leading to frequent attacks of bronchial infection.

## 5 Fire Fighting Measures

#### Extinguishing Media

Suitable : Oxidizing Material  
Do not use water jet. Use flooding quantities of water. Avoid contact with organic materials.

Special fire-fighting Procedures : Fire fighters should wear self-contained positive pressure breathing apparatus ( SCBA ) and full turnout gear.

Protection for Fire Fighters : Be sure to use approved/certified respirator or equivalent.

## 6 Accidental release measures

Personal Precautions : Splash goggles. Protective overalls/suit. Boots. Select appropriate protective clothing for he size of the spillage.

Environmental : Corrosive liquid. Oxidizing Material.

precautions and cleanup methods : Stop leak if without risk. Absorb with dry earth, sand or other noncombustable material. Do not get water inside container. Avoid contact with combustable material (wood,paper,oil,clothing etc). Keep substance damp using water spray. Do not touch spilled material. Use water spray curtain to divert vapour drift. Prevent entry into sewers, basements or confined areas:dike if needed. Eliminate all ignition sources. Dispose of according to all federal, state and local applicable regulations.

## 7 Handling and storage

Handling : Keep containers dry. Keep away from heat. Keep away from sources of ignition. Keep away from combustable material. Empty containers may still contain significant residual amounts of the product. Ground all equipment containing material. Do not ingest. Do not breath in gas/fumes/vapor/spray. Never add water to this product. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label.

Storage : Keep containers tightly closed. Keep containers in a cool well ventilated area. Separate from acids, alkalies, reducing agents and combustables. Separate from acids, alkalies, reducing agents and combustables. See NFPA 43A, Code for the Storage of Liquid and Solid Oxidizers.

#### Packaging Material

Recommended use : Use original container.

## 8 Exposure controls/personal protection

Engineering Measures Provide exhaust ventilation or other engineering controls to keep airborne concentrations of vapour below their respective threshold limit value. Ensure that eyewash stations and safety showers are close to the workstation location.

Hygiene Measures Wash hands, forearms, and face thoroughly after handling compounds and before eating, smoking, using lavatory, and at the end of the day.

<u>Ingredient Name</u>	<u>Workplace Exposure Limits</u>
1 ) sodium carbonate	sufficient ventilation

#### Personal Protective Equipment

Respiratory System	Wear appropriate respirator when ventilation is inadequate.
Skin and body	Protective overalls/suit.
Hands	Impervious gloves.
Eyes	Splash goggles.

### 9 Physical and Chemical properties

Physical State	: powder
Colour	: white with blue specks
Odour	: perfume
Density	: N/A
Solubility	: N/A
pH	: N/A
Flash point	: N/A

### 10 Stability and reactivity

Stability : The product is stable

### 11 Toxicological information

#### Local Effects

Eye irritation	: low
Acute toxicity	: LD50 : Not available
	: LC 50 : Not available
Chronic toxicity	:

### 12 Ecological information

Ecotoxicity : Not dangerous

### 13 Disposal considerations

Methods of disposal;Waste Waste must be disposed of in accordance with federal, state and local environmental control regulations.

of residues;Contaminated

packaging

Waste Classification Not available

## 14 Transport information

### International transport regulations

**UN** UN Number :

**UN** Proper shipping name :

**UN** Class :

**UN** Sub Class :

**UN** Packing Group :

**UN** Label :

**ADR/RID** : Class : Sub-Class :

**ADR/RID** : Hazard Identification :  
Number

**IMDG** : Proper shipping name :

**IMDG** : Packing group :

**IMDG** : Class : Sub-Class :

**IATA** Proper shipping name :

**IATA** Packing group :

**IATA** Additional information : Sub-class :

## 15 Regulatory information

### EU Regulations

Hazard symbol(s)



Classification :

Risk Phrase : R22 - Harmful if swallowed.

Safety Phrases : S1/2 - Keep locked up and out of the reach of children.

S17 - Keep away from combustible material.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 - After contact with skin, wash immediately with plenty of water.

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

S45 - In case of accident or if you feel unwell, seek medical advice immediately ( show the label where possible).

Contains :

Product Use : Classification and labeling have been performed according to EU directives 67/548/EEC, including amendments and the intended use.  
Consumer applications.

## 16 Other information

### HISTORY

Date of printing : 21/02/2012  
Date of issue : 21/02/2012  
Date of previous issue : No previous Validation.  
Version : 2.01  
Prepared by :

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplies nor any of it's subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

### **CHANGES SINCE PREVIOUS VERSION**

Version 2 : Exposure limit added.

Version	2.01
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