



# **PRO Biological Laundry Powder**

**Product Code: 7207**

Updated 02/11/09

## **1. Identification of the Substance/Preparation**

### **Ultimate Biological Laundry Powder**

## **2. Composition/information on ingredients**

A granular laundry detergent containing:

<b>Common Name Conc</b>	<b>CAS # EINECS</b>	<b>Classification</b>
ALCOHOLETHOXYLATES AE7 1 - 10 % (Nonionic Surfactant)	64425-86-1	Xn; R22, R41
SODIUM SILICATE 1 - 10 %	13870-28-5	Xi; R41
SALT OF LAS 5 - 15 % (Anionic Surfactant)	68081-81-2	Xn; R22, R38, R41
SODIUM CARBONATE 10 - 20 %	497-19-8	Xi; R36
SODIUM CARBONATE PEROXIDE R38 5 - 20 % (Oxygen Bleaching Agent)	15630-89-4	Xn; R8, R22, R36,
Enzymes <1 %		Xn; R22, R41

## **3. Hazards identification**

This product is not classified as dangerous according to EU Directive 1999/45/EC.

Eye contact: Transient superficial irritation.

Skin contact: Prolonged exposure may cause skin irritation

Ingestion: Possible mild gastro-intestinal irritation with nausea and vomiting.

Inhalation: Inhaling of particles may cause mild irritation of the respiratory system.

## **4. First-aid measures**

Eye contact: Rinse thoroughly with plenty of water for several minutes.

If symptoms persist, seek medical advice.

Skin contact: Rinse affected area with water. If needed apply cold compress to relieve irritation.

If symptoms persist, discontinue use of product and seek medical advice.

Ingestion: Drink water to dilute product. Do not induce vomiting. Act immediately in order to prevent further irritation of mouth, throat and stomach mucosa.

If symptoms persist, if persistent vomiting occurs or if blood tinged vomit is present, seek medical advice.

Inhalation: Go into open air and ventilate suspected area. If irritation is experienced, mouth and throat may be rinsed with water. Particles adhering to the nasal cavity may be rinsed/diluted with saline/plain water.

If irritation or asthma-like symptoms persist, seek medical advice.

## **5. Fire fighting measures**

Not explosive. Not auto-flammable. Not flammable. The product itself will not burn. If anything, packaging may be involved in a fire. Use CO<sub>2</sub>, dry chemical powders or alcohol resistant foam. If water is used, contain run-off.

## **6. Accidental release measures**

Avoid spillage into sewers or surface water. For large spills: scoop up product mechanically, ideally with vacuum cleaner and rework/dispose as per local legislation. . For small spills: product can be washed away with plenty of water.

## **7. Handling and storage**

Store in a cool and dry area.

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

Not a hazard in normal use. No personal protective equipment required.

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

Appearance: white powder with green speckles

Odour: typical perfume

pH (10 % aqueous solution) : ca. 10.4

Reserve alkalinity: n/a g NaOH/100 g

Not Flammable. Non-Explosive. Non-Oxidizing.

Relative density: ca. 900 g/l

Water solubility: high

## **10. Stability and reactivity**

Stable under normal conditions.

## **11. Toxicological information**

Not acutely toxic; may cause vomiting. If large quantities are ingested, treat symptomatically. Do not induce vomiting. If irritant effects are seen, these will be mild to moderate, depending on exposure. If in contact with eyes, flushing with water is recommended.

Estimated acute oral toxicity: LD<sub>50</sub> (rats) > 2g/kg

Eye irritation: Slightly irritating to eyes

Skin irritation: Slightly irritating to skin

Chronic toxicity: Repeated exposure to low levels (e.g. on fabrics or diluted in washing water) will not cause adverse effects

Contact sensitization: Does not provoke a sensitization reaction

## **12. Ecological information**

The product is intended for wide dispersive use and is compatible with the down-the-drain disposal route.

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

The surfactants used in the product are biodegradable in line with the requirements of EU Directives 73/404/EEC and 73/405/EEC and their subsequent amendments.

## **13. Disposal considerations**

Consumer products ending up down the drain after use. Observe safe handling precautions and local legislation.

## **14. Transport information**

Not subject to ADR/IATA/IMDG codes.

## **15. Regulatory information**

This product is not classified as dangerous according to EU Directive 1999/45/EC and national laws.

All substances in the preparation are registered in the EU.

## **16. Other information**

This product does not require any special training before use. Usage and handling instructions

are not mentioned on this Material Safety Data Sheet.