

# Summary of product characteristics for a biocidal product

**Product name:** ARIEL Chlorine Professional System 5 Chlorine Bleach for white wash

**Product type(s):** PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)

**Authorisation number:** EU-0026814-0000

**R4BP 3 asset reference number:** EU-0026814-0000

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## Administrative information

### 1.1. Trade names of the product

ARIEL Chlorine Professional System 5 Chlorine Bleach for white wash
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### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	Procter & Gamble Services Company NV
	Address	Temseleen 100 1853 Brussels Belgium
<b>Authorisation number</b>	EU-0026814-0000	
<b>R4BP 3 asset reference number</b>	EU-0026814-0000	
<b>Date of the authorisation</b>	01/04/2022	
<b>Expiry date of the authorisation</b>	31/03/2032	

### 1.3. Manufacturer(s) of the biocidal products

<b>Name of the manufacturer</b>	Sutter Industries S.p.A
<b>Address of the manufacturer</b>	Località Leigozze 1, Borghetto 15060 Borbera Italy
<b>Location of manufacturing sites</b>	Località Leigozze 1, Borghetto 15060 Borbera Italy

### 1.4. Manufacturer(s) of the active substance(s)

<b>Active substance</b>	1391 - Active chlorine released from sodium hypochlorite
<b>Name of the manufacturer</b>	ALTAIR CHIMICA S.p.A.
<b>Address of the manufacturer</b>	Via Moie Vecchie n.13 56048 Saline di Volterra (PI) Italy
<b>Location of manufacturing sites</b>	Via Moie Vecchie n.13 56048 Saline di Volterra (PI) Italy

## 2. Product composition and formulation

### 2.1. Qualitative and quantitative information on the composition of the biocidal product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Active chlorine released from sodium hypochlorite		Active Substance			9,05
Sodium hypochlorite	Sodium hypochlorite	Non-active substance	7681-52-9	231-668-3	9,5

### 2.2. Type of formulation

SL - Soluble concentrate
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## 3. Hazard and precautionary statements

<b>Hazard statements</b>	<p>Contact with acids liberates toxic gas.</p> <p>May be corrosive to metals.</p> <p>Causes severe skin burns and eye damage.</p> <p>Very toxic to aquatic life with long lasting effects.</p>
<b>Precautionary statements</b>	<p>Keep only in original packaging.</p> <p>Do not breathe vapours.</p> <p>Wash hands thoroughly after handling.</p> <p>Avoid release to the environment.</p> <p>Wear protective gloves.</p>

Wear eye protection.

Wear protective clothing.

Immediately call a poison centre or doctor/physician.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Wash contaminated clothing before reuse.

Absorb spillage to prevent material damage.

Collect spillage.

Store locked up.

Dispose of contents to in accordance with local regulations.

Dispose of container to in accordance with local regulations.

## 4. Authorised use(s)

### 4.1 Use description

#### Use 1 - Laundry disinfection (machine wash) in the post-wash rinsing phase

<b>Product type</b>	PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	<p>Scientific name: Common name: Bacteria Development stage:</p> <p>Scientific name: Common name: Yeasts Development stage:</p>
<b>Field(s) of use</b>	<p>Indoor</p> <p>In professional washing machines (such as washing-machines in restaurants, hotels, care-homes and non-healthcare facilities) via closed automatic dosing programs : Disinfection of linen after cleaning. The product can only be used with Procter &amp; Gamble professional automatic dosing equipment. The product is not authorized for manual dosing.</p>

**Application method(s)**

Method: Closed system  
Detailed description:  
  
-

**Application rate(s) and frequencies**

Application Rate: 10.0 mL/L  
Dilution (%):  
Number and timing of application:  
  
The product is added once via automatic dosing, for disinfection of clean laundry : after the washing/cleaning step delivered by using Ariel S1 Actilift detergent (commercial name of Ariel System S1), the water is drained/extracted. After a refill step with fresh water, the product is added for the main wash/first rinse bath.  
  
The product is efficacious on clean items when used at 10 mL/L during 15 min contact time at +40°C (liquor ratio = 1:5; with 4 kg ballast load)

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

10L-20L HDPE canister with moulded handle and safety lock & key cap. UN certified for Dangerous goods.

**4.1.1 Use-specific instructions for use**

See general directions for use.

**4.1.2 Use-specific risk mitigation measures**

See general directions for use.

**4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

See general directions for use.

**4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging**

See general directions for use.

#### 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

## 5. General directions for use

### 5.1. Instructions for use

The biocidal product ARIEL Chlorine Professional System 5 chlorine bleach for white wash is intended to be used only during main wash, after pre-wash with Procter & Gamble Professional dosing equipment for disinfection of clean laundry:

- Step 1 cleaning with Ariel System S1 (can be referred to as prewash or main wash) at 40 °C for 10 min: Wash water is drained, extracted, and refilled with fresh water prior to step 2;
- Step 2 disinfection: this can be referred to as main wash (if the first step is a pre-wash) or first rinse bath (if the first step is a main wash). The second step containing ARIEL Chlorine Professional System 5 chlorine bleach for white wash is always performed at 40 °C for 15 min. This is followed by 1-2 rinse and drain phases and finally an extraction by spin.

### 5.2. Risk mitigation measures

During handling product and during the maintenance of machines (repair broken dosing system):

- Wear protective chemical resistant gloves (EN374).
- Wear eyes protection (EN166)
- Wear protective coverall (to be specified by the authorisation holder within the product information).

### 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

**IF SWALLOWED:** Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

**IF ON SKIN:** Immediately wash with plenty of water. Take off all contaminated clothing and wash it before reuse. Wash with soap and water and continue rinsing for 15 minutes. Call a POISON CENTRE or a doctor.

**IF IN EYES:** Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Call 112/ambulance for medical assistance.

**IF INHALED:** Move to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or a doctor.

## 5.4. Instructions for safe disposal of the product and its packaging

**For containment:**

Scoop absorbed substance into closing containers. Do not use metal containers.

**Methods for cleaning up:**

Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Large spills: contain released substance, pump into suitable containers. Do not use metal containers.

**Disposal:**

This material and its container must be disposed of in a safe way, in accordance with local/regional/national regulations. Do not discharge unused product on the ground, into water courses, into pipes (sink, toilets...) nor down the drains.

## 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

**Storage conditions**

Store in original container.

**incompatible materials**

Metals, acids. Reacts with (some) acids: Release of (highly) toxic gases/vapours (chlorine). May be corrosive to metals.

**Prohibitions on mixed storage**

Keep only in the original container in a cool, well-ventilated place away from (strong) acids.

**Storage area**

Store in a cool area. Store in a dry area.

Do not store at temperatures above 30°C.

Protect from frost.

Keep away from direct sunlight.

Shelf life: 12 months

## 6. Other information