

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : ARIEL P&G Professional System 3  
Product code : PA00184160  
Product group : Trade product

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

##### 1.2.1. Relevant identified uses

Main use category : Professional use  
Function or use category : Washing and cleaning products (including solvent based products), Biocidal products (e.g. Disinfectants, pest control)

##### 1.2.2. Uses advised against

No additional information available

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

Procter & Gamble UK Brooklands, Weybridge, Surrey, KT13 0XP, UK

Tel: 01932 896000 Fax: 01932 896200

Retail /Professional: customerservice@pgprof.com

#### 1.4. Emergency telephone number

Emergency number : (UK) Emergency Tel: 0800 328 8304(IRL) Emergency Tel: 1800 509 497

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Dam. 1 H318

Full text of H-phrases: see section 16

##### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

O; R8

Xi; R41

Full text of R-phrases: see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Hazard statements (CLP) :

H318 - Causes serious eye damage

Precautionary statements (CLP) :

P102 - Keep out of reach of children  
P280 - Wear eye protection  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P101 - If medical advice is needed, have product container or label at hand  
P310 - Immediately call a POISON CENTER/doctor  
P501 - Dispose of contents/container to an appropriate local waste system  
Contains 6-(phthalimido)peroxyhexanoic acid

#### 2.3. Other hazards

Other hazards not contributing to the classification

: No presence of PBT and vPvB ingredients.

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Phthalimidoperoxycaproic Acid	(CAS No) 128275-31-0 (EC no) 410-850-8 (EC index no) 617-019-00-0	10 - 20	O; R7 Xi; R41 N; R50	Org. Perox. D, H242 Eye Dam. 1, H318 Aquatic Acute 1, H400
Disodium Etidronate	(CAS No) 7414-83-7 (EC no) 231-025-7	1 - 5	R53	Aquatic Chronic 4, H413
6-(1,3-Dioxo-1,3-dihydro-isoindol-2-yl)-hexanoic acid	(CAS No) 4443-26-9 (EC no) 224-675-8	1 - 5	Xi; R36/37/38	Not classified
BHT	(CAS No) 128-37-0 (EC no) 204-881-4	< 1	N; R50/53	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of R- and H-phrases: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation	: IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.
First-aid measures after skin contact	: IF ON SKIN: Wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. If skin irritation occurs: Get immediate medical advice/attention. Discontinue use of product.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after ingestion	: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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

Symptoms/injuries after inhalation	: Coughing. sneezing.
Symptoms/injuries after skin contact	: Redness. Swelling. dryness. Itching. Oxygenated water may have temporary and reversible effects on skin (e.g. whitening, irritation).
Symptoms/injuries after eye contact	: Pain. Redness. Swelling. Blurred vision.
Symptoms/injuries after ingestion	: Oral mucosal or gastro-intestinal irritation. Nausea. Vomiting. Excessive secretion. Diarrhoea.

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

Refer to section 4.1.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>).

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

Fire hazard	: No fire hazard. Non combustible.
Explosion hazard	: Product is not explosive.
Reactivity	: May cause or intensify fire; oxidizer. Contact with combustible material may cause fire.

#### 5.3. Advice for firefighters

Firefighting instructions	: No specific firefighting instructions required.
Protection during firefighting	: In case of inadequate ventilation wear respiratory protection.

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Protective equipment : Wear suitable gloves and eye/face protection.

##### 6.1.2. For emergency responders

Protective equipment : Wear suitable gloves and eye/face protection.

#### 6.2. Environmental precautions

Consumer products ending up down the drain after use. Prevent soil and water pollution. Prevent spreading in sewers.

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

For containment : Scoop absorbed substance into closing containers.

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- 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. This material and its container must be disposed of in a safe way, and as per local legislation. Small quantities of solid spill: wash down with water.
- Other information : Avoid contact with skin, eyes and clothing.

### 6.4. Reference to other sections

Refer to Sections 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Avoid contact with eyes. Do not handle until all safety precautions have been read and understood.

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

- Storage conditions : Store in original container. Refer to section 10.
- Incompatible products : Refer to section 10.
- Incompatible materials : Not applicable.
- Prohibitions on mixed storage : Not applicable.
- Storage area : Store in a cool and well-ventilated place. Store in a dry area. Store away from heat. Keep away from ignition sources.

### 7.3. Specific end use(s)

Refer to section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. National limit values

No additional information available

#### 8.1.2. Monitoring procedures: DNELS, PNECS, OEL

No additional information available

### 8.2. Exposure controls

- 8.2.1. Appropriate engineering controls : No additional information available
- 8.2.2. Personal protective equipment
- Wear eye/face protection.
- Hand protection : Not applicable.
- Eye protection : Safety glasses.
- Skin and body protection : Not applicable.
- Respiratory protection : Not applicable.
- 8.2.3. Environmental exposure controls
- Not available

## SECTION 9: Physical and chemical properties

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

Property	Value	Unit	Test method/Notes
Appearance	Liquid.		
Physical state	Liquid		
Colour	Coloured.		
Odour	pleasant (perfume).		
Odour threshold	No data available		
pH	3.4		
Melting point	No data available		
Freezing point	No data available		
Boiling point	No data available		
Flash point	No data available		

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Property	Value	Unit	Test method/Notes
Relative evaporation rate (butylacetate=1)	No data available		
Flammability (solid, gas)	Not flammable		Not flammable
Explosive limits			Product is not explosive
Vapour pressure	No data available		
Relative density	No data available		
Solubility	Soluble in water.		
Log Pow	No data available		
Auto-ignition temperature	No data available		
Decomposition temperature	No data available		
Viscosity	628	cP	
Explosive properties	No additional information available		
Oxidising properties	No additional information available		

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

May cause or intensify fire; oxidizer. Contact with combustible material may cause fire.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

### 10.4. Conditions to avoid

Not required for normal conditions of use.

### 10.5. Incompatible materials

combustible materials.

### 10.6. Hazardous decomposition products

None under normal use.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

BHT (128-37-0)	
LD50 oral rat	6000 mg/kg
LD50 dermal rat	2001 mg/kg
ATE CLP (oral)	6000 mg/kg bodyweight
ATE CLP (dermal)	2001 mg/kg bodyweight

Skin corrosion/irritation : Not classified  
pH: 3.4

Serious eye damage/irritation : Causes serious eye damage.  
pH: 3.4

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

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Potential Adverse human health effects and symptoms : Harmful if swallowed: Classification based upon available data of individual substances. Irritation: severely irritant to eyes. Corrosivity: based upon available data of the substances, classification criteria are not met. Sensitization: based upon available data of the substances, classification criteria are not met. Repeated Dose Toxicity: based upon available data of the substances, classification criteria are not met. Carcinogenicity: based upon available data of the substances, classification criteria are not met. Mutagenicity: based upon available data of the substances, classification criteria are not met. Toxicity for Reproduction: based upon available data of the substances, classification criteria are not met.

Other information : Likely routes of exposure: skin and eye. Information on Effects: refer to section 4.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

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Results of PBT assessment	No presence of PBT and vPvB ingredients
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#### 12.6. Other adverse effects

Other information : Toxic to aquatic organisms.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

13.1.1. Regional legislation (waste) : Disposal must be done according to official regulations.

13.1.2. Disposal recommendations : No additional information available

13.1.3. EURAL Waste code product : 20 01 29\* - detergents containing dangerous substances  
15 01 10\* - packaging containing residues of or contaminated by dangerous substances

### SECTION 14: Transport information

#### 14.1. UN number

UN-No : 3378

UN-No. (ICAO) : 1479

#### 14.2. UN proper shipping name

Proper Shipping Name : Sodium Carbonate Peroxyhydrate

Transport document description : UN 3378 Sodium Carbonate Peroxyhydrate, 5.1, II, (E)

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

Class (UN) : 5.1

Class (ICAO) : 5.1 - Oxidizing substances

Danger labels (UN) : 5.1



#### 14.4. Packing group

Packing group (UN) : II

#### 14.5. Environmental hazards

Other information : No supplementary information available.

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### 14.6. Special precautions for user

#### 14.6.1. Overland transport

Transport regulations (ADR) : Subject to the provisions  
Transport regulations (RID) : Subject to the provisions  
State during transport (ADR-RID) : as solid  
Classification code (UN) : O2  
Tunnel restriction code : E

#### 14.6.2. Transport by sea

Transport regulations (IMDG) : Subject to the provisions  
EmS-No. (1) : F-A  
EmS-No. (2) : S-Q

#### 14.6.3. Air transport

Transport regulations (IATA) : Subject to the provisions

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

Ingredient label : 15-30% Oxygen-based bleaching agents; <5% Phosphonates; Disinfectants.

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

#### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no substance on the REACH candidate list

CESIO recommendations : The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### 16.1. Indication of changes

Indication of changes : Not applicable

### 16.2. Abbreviations and acronyms

No additional information available

### 16.3. Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

No additional information available

### 16.4. Relevant R-phrases and/or H-statements (number and full text) for mixture and substances

Aquatic Acute 1	Hazardous to the aquatic environment — AcuteHazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 4	Hazardous to the aquatic environment — Chronic Hazard, Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Org. Perox. D	Organic Peroxides, Type D
H242	Heating may cause a fire
H318	Causes serious eye damage
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H413	May cause long lasting harmful effects to aquatic life
R36/37/38	Irritating to eyes, respiratory system and skin
R41	Risk of serious damage to eyes
R50	Very toxic to aquatic organisms
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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R53	May cause long-term adverse effects in the aquatic environment
R7	May cause fire
R8	Contact with combustible material may cause fire
N	Dangerous for the environment
O	Oxidising
Xi	Irritant

### 16.5. Training advice

Normal use of this product shall imply use in accordance with the instructions on the packaging.

### 16.6. Further information

Salts listed in Section 3 without a REACH Registration number are exempt, based on Annex V

SDS P&G CLP

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*