

Ariel Professional System - S7 SC Alca Extra. Additive to boost performance of S8 SC HydrOxi Stainbuster.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Date of issue: 18/09/2015

Revision date: 21/01/2016

Version: 1.1

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

1.1. Product identifier

Product form : Mixture

Trade name : Ariel Professional System - S7 SC Alca Extra. Additive to boost performance of S8 SC HydrOxi Stainbuster.

Product code : PA00174323

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)

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

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]

Met. Corr. 1 H290

Skin Corr. 1A H314

Full text of H-statements: 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) : H290 - May be corrosive to metals
H314 - Causes severe skin burns and eye damage

Precautionary statements (CLP) : P102 - Keep out of reach of children
P101 - If medical advice is needed, have product container or label at hand
P234 - Keep only in original container
P260 - Do not breathe vapours
P280 - Wear protective gloves and 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
P310 - Immediately call a POISON CENTER/doctor
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Contains sodium hydroxide and potassium hydroxide

2.3. Other hazards

Other hazards not contributing to the : No presence of PBT and vPvB ingredients.

Ariel Professional System - S7 SC Alca Extra. Additive to boost performance of S8 SC Hydroxi Stainbuster.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

classification

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium Hydroxide	(CAS No) 1310-73-2 (EC no) 215-185-5 (EC index no) 011-002-00-6 (REACH-no) 01-2119457892-27	20 - 30	Met. Corr. 1, H290 Skin Corr. 1A, H314
Potassium Hydroxide	(CAS No) 1310-58-3 (EC no) 215-181-3 (EC index no) 019-002-00-8 (REACH-no) 01-2119487136-33	1 - 5	Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314

Full text of H-statements: 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 or doctor/physician if you feel unwell.
- First-aid measures after skin contact : IF ON SKIN: Wash with plenty of Water. Remove/Take off immediately all contaminated clothing. Immediately call a POISON CENTER or doctor/physician. 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. Drink small amount of water to dilute. 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.
- Symptoms/injuries after eye contact : Severe 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 (CO₂).

5.2. Special hazards arising from the substance or mixture

- Fire hazard : No fire hazard. Non combustible.
- Explosion hazard : Product is not explosive.
- Reactivity : No dangerous reactions known.

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.

Ariel Professional System - S7 SC Alca Extra. Additive to boost performance of S8 SC Hydroxi Stainbuster.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

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 : Avoid contact with eyes. Avoid contact with skin. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. 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 : Refer to section 10.
Prohibitions on mixed storage : Not applicable.
Storage area : Store in a cool area. Store in a dry area. Store in a cool and well-ventilated place.

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

Sodium Hydroxide (1310-73-2)		
United Kingdom	WEL STEL (mg/m ³)	2 mg/m ³
Potassium Hydroxide (1310-58-3)		
United Kingdom	WEL STEL (mg/m ³)	2 mg/m ³

8.1.2. Monitoring procedures: DNELS, PNECS, OEL

Sodium Hydroxide (1310-73-2)	
DNEL/DMEL (Workers)	
Long-term - local effects, inhalation	1 mg/m ³
DNEL/DMEL (General population)	
Long-term - local effects, inhalation	1 mg/m ³
Potassium Hydroxide (1310-58-3)	
DNEL/DMEL (Workers)	
Long-term - local effects, inhalation	1 mg/m ³
DNEL/DMEL (General population)	
Long-term - local effects, inhalation	1 mg/m ³

8.2. Exposure controls

- 8.2.1. Appropriate engineering controls : No additional information available
- 8.2.2. Personal protective equipment
- Eye protection : Wear eye/face protection.
 - Skin and body protection : Wear suitable protective clothing.
 - Respiratory protection : Not applicable.
 - Thermal hazard protection : Not applicable.
- 8.2.3. Environmental exposure controls
- Prevent that the undiluted product reaches surface waters.

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).		

Ariel Professional System - S7 SC Alca Extra. Additive to boost performance of S8 SC Hydroxi Stainbuster.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Property	Value	Unit	Test method/Notes
Odour threshold		ppm	Perceived odor at typical use conditions
pH	≥ 12		
Melting point		°C	Not available. This property is not relevant for the safety and classification of this product
Freezing point			Not available. This property is not relevant for the safety and classification of this product
Boiling point	No data available		
Flash point	≥ 60	°C	
Relative evaporation rate (butylacetate=1)			Not available. This property is not relevant for the safety and classification of this product
Flammability (solid, gas)			Not applicable. This property is not relevant for liquid product forms
Explosive limits		g/m ³	Not available. This property is not relevant for the safety and classification of this product
Vapour pressure			Not available. This property is not relevant for the safety and classification of this product
Relative density	1.31		
Solubility	Soluble in water.		
Log Pow			Not applicable. This property is not relevant for mixtures
Auto-ignition temperature			Not available. This property is not relevant for the safety and classification of this product
Decomposition temperature		°C	Not available. This property is not relevant for the safety and classification of this product
Viscosity	No data available		
Explosive properties	Not applicable. This product is not classified as explosive as it does not contain any substances which possesses explosive properties CLP (Art 14 (2)).		
Oxidising properties	Not applicable. This product is not classified as oxidizing as it does not contain any substances which possesses oxidizing properties CLP (Art 14 (2)).		

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

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

Not applicable.

10.6. Hazardous decomposition products

None under normal use.

Ariel Professional System - S7 SC Alca Extra. Additive to boost performance of S8 SC HydrOxi Stainbuster.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

SECTION 11: Toxicological information

11.1. Information on toxicological effects

11.1.1. Mixture

Ariel Professional System - S7 SC Alca Extra. Additive to boost performance of S8 SC HydrOxi Stainbuster.	
Acute toxicity	Not classified (*)
Skin corrosion/irritation	Causes severe skin burns and eye damage.
Serious eye damage/irritation	Not classified (*)
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 (*)

(*) Based upon available data of the substances and/or the product, product classification criteria are not met. See Section 2 and Section 16 for applicable hazard classification and classification procedure, respectively.

11.1.2. Substances in the mixture

Acute toxicity:

Potassium Hydroxide (1310-58-3)	
LD50 oral rat	333 mg/kg bw (//OECD 425)

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.

Sodium Hydroxide (1310-73-2)	
EC50 Daphnia 1	40.4 mg/l Ceriodaphnia

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Sodium Hydroxide (1310-73-2)	
Bioaccumulative potential	Not measured.

Potassium Hydroxide (1310-58-3)	
Bioaccumulative potential	Not measured.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Ariel Professional System - S7 SC Alca Extra. Additive to boost performance of S8 SC HydrOxi Stainbuster.	
Results of PBT assessment	No presence of PBT and vPvB ingredients
Component	
Sodium Hydroxide (1310-73-2)	PBT: not relevant – no registration required vPvB: not relevant – no registration required
Potassium Hydroxide (1310-58-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

Ariel Professional System - S7 SC Alca Extra. Additive to boost performance of S8 SC HydrOxi Stainbuster.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

- 13.1.2 Disposal recommendations : The waste codes/waste designations below are in accordance with EWC. Waste must be delivered to an approved waste disposal company. The waste is to be kept separate from other types of waste until its disposal. Do not throw waste product into the sewer. Where possible recycling is preferred to disposal or incineration. For handling waste, see measures described in section 7. Empty, uncleaned packaging need the same disposal considerations as filled packaging.
- 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 : 1719
UN-No. (ICAO) : 1719

14.2. UN proper shipping name

- Proper Shipping Name : CAUSTIC ALKALI LIQUID, N.O.S.
Transport document description (ADR) : UN 1719 CAUSTIC ALKALI LIQUID, N.O.S. (Sodium Hydroxide, Potassium Hydroxide), 8, II, (E)

14.3. Transport hazard class(es)

- Class (UN) : 8
Class (ICAO) : 8 - Corrosive substances
Danger labels (UN) : 8



14.4. Packing group

- Packing group (UN) : II

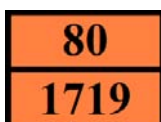
14.5. Environmental hazards

- Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

- Hazard identification number (Kemler No.) : 80
Classification code (UN) : C5
Orange plates :



- Special provisions (ADR) : 274
Transport category (ADR) : 2
Tunnel restriction code : E
Limited quantities (ADR) : 11
Excepted quantities (ADR) : E2

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

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 : <5% Phosphonates, Polycarboxylates.

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Ariel Professional System - S7 SC Alca Extra. Additive to boost performance of S8 SC Hydroxi Stainbuster.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

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.

Other information, restriction and prohibition regulations

: Classification according to Regulation (EC) No. 1272/2008 [CLP]. Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006. Regulation (EC) No. 648/2004 of 31 March 2004 on detergents. Dangerous Preparations Directive 1999/45/EC. Dangerous Substances Directive 67/548/EEC.

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

: Change in SECTION 2: Hazards identification
Change in SECTION 8: Exposure controls/personal protection
Change in SECTION 11: Toxicological information
Change in SECTION 16: Other information

16.2. Abbreviations and acronyms

LC50: Lethal Concentration to 50 % of a test population. LD50: Lethal Dose to 50% of a test population (Median Lethal Dose). PBT: Persistent, Bioaccumulative and Toxic substance. PNEC(s): Predicted No Effect Concentration(s). vPvB: Very Persistent and Very Bioaccumulative. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. ATE: Acute Toxicity Estimate.

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

Classification according to Regulation (EC) No. 1272/2008 [CLP]	classification procedure
Met. Corr. 1	Calculation method
Skin Corr. 1A	Calculation method

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

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
H290	May be corrosive to metals
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage

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