P&G Professional Deepio power degreaser

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 13/01/2015 Revision date: : Version: 1.0

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

1.1. Product identifier

Product form : Mixture

Trade name : P&G Professional Deepio power degreaser

Product code : PA00186821

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]

Skin Irrit. 2 H315

Eye Irrit. 2 H319

Full text of H-phrases: see section 16

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

Xi; R36/38

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) : Warning

Hazard statements (CLP) : H315 - Causes skin irritation
H319 - Causes serious eye irritation

Precautionary statements (CLP) : P102 - Keep out of reach of children
P101 - If medical advice is needed, have product container or label at hand
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P302+P352 - IF ON SKIN: Wash with plenty of water
P260 - Do not breathe spray

2.3. Other hazards

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

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]
Sodium C14-17 Alkyl Sec Sulfonate	(CAS No) 85711-69-9 (EC no) 288-330-3	10 - 20	Xi; R41 Xi; R38	Skin Irrit. 2, H315 Eye Dam. 1, H318
Tetrapotassium Pyrophosphate	(CAS No) 7320-34-5 (EC no) 230-785-7	5 - 10	Xi; R36	Eye Irrit. 2, H319
Sodium Cumenesulfonate	(CAS No) 15763-76-5 (REACH-no) 01-2119489411-37	5 - 10	Xi; R36	Eye Irrit. 2, H319
Butyloctanol	(CAS No) 3913-02-8 (EC no) 223-470-0	< 1	N; R50	Aquatic Acute 1, H400

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. Immediately call a POISON CENTER or doctor/physician.

First-aid measures after skin contact : IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. 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. Headache. Drowsiness. Dizziness. Shortness of breath.

Symptoms/injuries after skin contact : Redness. Swelling. dryness. Itching.

Symptoms/injuries after eye contact : Pain. Redness. Swelling.

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_2).

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.

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.

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. 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 area. Store in a dry area.

7.3. Specific end use(s)

Cleaning/washing agents and additives.

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

Tetrapotassium Pyrophosphate (7320-34-5)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, inhalation	44.08 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects, inhalation	10.87 mg/m³
PNEC (Water)	
PNEC aqua (freshwater)	0.05 mg/l
PNEC aqua (marine water)	0.005 mg/l
PNEC aqua (intermittent, freshwater)	0.5 mg/l
PNEC (STP)	
PNEC sewage treatment plant	50 mg/l

Sodium Cumenesulfonate (15763-76-5)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	7.6 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	53.6 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects,oral	3.8 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	13.2 mg/m³
Long-term - systemic effects, dermal	3.8 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.23 mg/l
PNEC aqua (intermittent, freshwater)	2.3 mg/l
PNEC (STP)	
PNEC sewage treatment plant	100 mg/l

8.2. Exposure controls

8.2.1. Appropriate engineering controls : Not applicable.

8.2.2. Personal protective equipment

Protective personal equipment only required in case of professional use or for large packs (not for household packs).

Hand protection : Wear suitable gloves.

Eye protection : Wear eye/face protection.

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	11.3		
Melting point	No data available		
Freezing point	No data available		
Boiling point	No data available		
Flash point	≥ 60	°C	
Relative evaporation rate (butylacetate=1)	No data available		
Flammability (solid, gas)	No data available		
Explosive limits	No data available		
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	1	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

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.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

P&G Professional Deepio power degreaser	
LD50 oral calculated	> 2000 mg/kg

Tetrapotassium Pyrophosphate (7320-34-5)	
LD50 oral rat	2440 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight //OECD 402
LC50 inhalation rat (mg/l)	> 1.1 mg/l/4h OECD 403

Tetrapotassium Pyrophosphate (7320-34-5)	
ATE CLP (oral)	2440 mg/kg bodyweight
ATE CLP (dermal)	2001 mg/kg bodyweight

Sodium Cumenesulfonate (15763-76-5)	
LD50 oral rat	7000 mg/kg OECD 401
LD50 dermal rabbit	2001 mg/kg OECD 402
LC50 inhalation rat (mg/l)	6.41 mg/l/4h
ATE CLP (oral)	7000 mg/kg bodyweight
ATE CLP (dermal)	2001 mg/kg bodyweight
ATE CLP (vapours)	6.410 mg/l/4h
ATE CLP (dust,mist)	6.410 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.
pH: 11.3

Serious eye damage/irritation : Causes serious eye irritation.
pH: 11.3

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

Potential Adverse human health effects and symptoms : Acute 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. Corrosivity: 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. 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. Mutagenicity: based upon available data of the substances, classification criteria are not met. Irritation: based upon available preparation data and bridging principles, 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.

Tetrapotassium Pyrophosphate (7320-34-5)	
LC50 fishes 1	> 100 mg/l OECD 203; Oncorhynchus mykiss
LC50 other aquatic organisms 1	> 1000 mg/l OECD 209
EC50 Daphnia 1	> 100 mg/l Daphnia magna
ErC50 (algae)	> 100 mg/l OECD 201; Desmodesmus subspicatus
NOEC chronic crustacea	1000 mg/l OECD 209
NOEC chronic algae	> 100 mg/l OECD 201; Desmodesmus subspicatus

Sodium Cumenesulfonate (15763-76-5)	
LC50 fishes 1	> 1000 mg/l Oncorhynchus mykiss
LC50 other aquatic organisms 1	> 1000 mg/l OECD 209
EC50 Daphnia 1	> 1000 mg/l Daphnia magna
ErC50 (algae)	230 mg/l Pseudokirchnerella subcapitata
NOEC chronic algae	31 mg/l

12.2. Persistence and degradability

Sodium Cumenesulfonate (15763-76-5)	
Persistence and degradability	The substance is biodegradable. Unlikely to persist.
BOD (% of ThOD)	103 % ThOD OECD 301 B

12.3. Bioaccumulative potential

Tetrapotassium Pyrophosphate (7320-34-5)	
Bioaccumulative potential	Not measured.

Sodium Cumenesulfonate (15763-76-5)	
Log Pow	-1.1 OECD 107; 23 C; pH 6.9-7.2
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).

12.4. Mobility in soil

Tetrapotassium Pyrophosphate (7320-34-5)	
Mobility in soil	149

12.5. Results of PBT and vPvB assessment

P&G Professional Deepio power degreaser	
Results of PBT assessment	No presence of PBT and vPvB ingredients

Component	
Ethanolamine (141-43-5)	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
Tetrapotassium Pyrophosphate (7320-34-5)	PBT: not relevant – no registration required vPvB: not relevant – no registration required
Sodium Cumenesulfonate (15763-76-5)	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.

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

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

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 : 5-15% Anionic surfactants, Phosphates; <5% Soap.

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]

Classification according to Regulation (EC) No. 1272/2008 [CLP]	classification procedure
Skin Irrit. 2	Calculation method
Eye Irrit. 2	On basis of test data

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
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H400	Very toxic to aquatic life
R36	Irritating to eyes
R36/38	Irritating to eyes and skin
R38	Irritating to skin
R41	Risk of serious damage to eyes
R50	Very toxic to aquatic organisms
N	Dangerous for the environment
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