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

1.1. Product identifier

Product form : Mixture
Trade name : LENOR Spring Awakening
Product code : PA00193607
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

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]

Not classified

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

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Signal word (CLP) : None
Hazard statements (CLP) : None
Precautionary statements (CLP) : P102 - Keep out of reach of children

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]
Distearoylethyl/Dipalmitoylethyl Dimonium Chloride	(CAS No) 1079184-43-2 (EC no) Notified (REACH-no) 01-0000000679-63	10 - 20	Not classified	Aquatic Chronic 3, H412
Isopropyl Alcohol	(CAS No) 67-63-0 (EC no) 200-661-7 (EC index no) 603-117-00-0 (REACH-no) 01-2119457558-25	1 - 5	F; R11 Xi; R36 R67	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

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. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

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. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.

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 : Pain. Redness. Swelling. Itching.

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.

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)

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

Isopropyl Alcohol (67-63-0)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	888 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	500 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects,oral	26 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	89 mg/m³
Long-term - systemic effects, dermal	319 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	140.9 mg/l
PNEC aqua (marine water)	140.9 mg/l
PNEC aqua (intermittent, freshwater)	140.9 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	552 mg/kg dwt
PNEC sediment (marine water)	552 mg/kg dwt
PNEC (Soil)	
PNEC soil	28 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	2251 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). For consumer use please follow recommendation as indicated on the label of the product.

Hand protection : Not applicable.

Eye protection : Not applicable.

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	2.7 - 3.5		
Melting point	No data available		
Freezing point	No data available		
Boiling point	>= 90	°C	
Flash point			No flash point till boiling
Relative evaporation rate (butylacetate=1)	No data available		
Flammability (solid, gas)	Not applicable		

Property	Value	Unit	Test method/Notes
Explosive limits	No data available		
Vapour pressure	No data available		
Relative density	No data available		
Solubility	No data available		
Log Pow	No data available		
Auto-ignition temperature	No data available		
Decomposition temperature	No data available		
Viscosity	45 - 165	cP	
Explosive properties	Not applicable.		
Oxidising properties	Not applicable.		

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

LENOR Spring Awakening	
LD50 oral calculated	> 2000 mg/kg

Isopropyl Alcohol (67-63-0)	
LD50 oral rat	5840 mg/kg OECD 401
LD50 dermal rat	13120 mg/kg
LC50 inhalation rat (mg/l)	9988.6 mg/l
ATE CLP (oral)	5840 mg/kg
ATE CLP (dermal)	13120 mg/kg

Distearoylethyl/Dipalmitoylethyl Dimonium Chloride (1079184-43-2)	
LD50 oral rat	10000 mg/kg
LD50 dermal rabbit	2001 mg/kg
ATE CLP (oral)	10000 mg/kg bodyweight
ATE CLP (dermal)	2001 mg/kg bodyweight

Skin corrosion/irritation : Not classified
pH: 2.7 - 3.5

Serious eye damage/irritation : Not classified
pH: 2.7 - 3.5

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

Distearoylethyl/Dipalmitoylethyl Dimonium Chloride (1079184-43-2)	
NOAEL (oral, rat, 90 days)	> 500 mg/kg bodyweight/day

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. Irritation: based upon available preparation data and bridging principles, classification criteria are not met. 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.

Isopropyl Alcohol (67-63-0)	
LC50 fishes 1	9640 mg/l OECD 203;Pimephales promelas
LC50 other aquatic organisms 1	1050 mg/l Pseudomonas putida
EC50 Daphnia 1	> 100 mg/l Daphnia magna
ErC50 (algae)	> 100 mg/l Leuciscus idus melanotus
NOEC chronic crustacea	140.9 mg/l Daphnia magna

Distearoylethyl/Dipalmitoylethyl Dimonium Chloride (1079184-43-2)	
LC50 fishes 1	5.2 mg/l
EC50 Daphnia 1	14.8 mg/l
NOEC (acute)	0.686 mg/l

12.2. Persistence and degradability

Isopropyl Alcohol (67-63-0)	
Chemical oxygen demand (COD)	> 0.5 g O_2 /g substance BOD5/COD; aerobic

Distearoylethyl/Dipalmitoylethyl Dimonium Chloride (1079184-43-2)	
Persistence and degradability	The substance is biodegradable. Unlikely to persist.
Biodegradation	> 60 %

12.3. Bioaccumulative potential

Isopropyl Alcohol (67-63-0)	
Log Pow	0.05
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

LENOR Spring Awakening	
Results of PBT assessment	No presence of PBT and vPvB ingredients

Component	
Isopropyl Alcohol (67-63-0)	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% Cationic surfactants; Benzisothiazolinone, Perfumes, Alpha-isomethyl ionone, Citronellol, Eugenol, Geraniol, Hexyl cinnamal, Linalool.

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 Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

H412	Harmful to aquatic life with long lasting effects
R11	Highly flammable
R36	Irritating to eyes
R67	Vapours may cause drowsiness and dizziness
F	Highly flammable
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