

Safety Data Sheet

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

Product Name: SERUM SHINE Group Q
Product Code: SPH0668

Application of the mixture: Cleaning solution.

CAS No: Solution

Company Name and Address:

Bellitas Ltd,
Unit 12 Prospect Drive,
Britannia Enterprise Park,
Lichfield,
Staffs.
WS14 9UX

Emergency Telephone No: +44 (0) 1543 416611

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC 1272/2008

The full text for all Risk Phrases and Hazard Statements are displayed in section 16

2.2 Label Elements

Signal word: DANGER

Hazard Statements:

Precautionary Statements:

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable – product is a mixture

3.2 Mixtures/Ingredients

Cyclomethicone, Dimethicone, Cyclopentasilxane.

Name/Form.	CAS / EC No.	Concentration	Classification
852	Solution	<95%w/w	

Main Active(s)

The full text for all R-Phrases and Hazard Statements are displayed in section 16

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SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation	Supply fresh air; consult doctor in case of complaints
Skin Contact	Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
Eye Contact	Contact with eyes can cause severe irritation. If not washed out promptly, will injure the eye tissue, and permanent damage may result.
Accidental Ingestion	Wash mouth with water. Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation	Coughing, breathing difficulty, asthma attacks, fever.
Skin Contact	Irritation.
Eye Contact	If liquid gets into the eyes it may cause redness, stinging, watering of the eye.
Ingestion	If swallowed or in case of entering the lungs. Later observation for pneumonia and pulmonary oedema.

4.3 Indication of any immediate and any special treatment needed

Immediate / special treatment	Symptomatic treatment as required
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SECTION 5: Firefighting measures

5.1 Extinguishing media

Use:	Extinguish with sand, earth, water spray, powder or CO2 extinguisher
Avoid:	High pressure water jet as this may spread the fire

5.2 Special Hazards arising from the substance or mixture

Unusual fire and explosion hazards
The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures
Formation of toxic gases is possible during heating or in the case of a fire: Carbon monoxide (CO).

5.3 Advice for firefighters

Protective equipment for firefighters
Wear self-contained breathing apparatus and full protective clothing. Keep all unnecessary people away
Fire water run off must not be allowed to contaminate ground or enter drains, sewers or water courses. Provide bunding against fire water

Additional information

Cool endangered receptacles with water spray

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Wear gloves when handling spillages.

6.2 Environmental precautions

Avoid spreading of the material. Contain spillages with absorbent material. Prevent further spillages.

6.3 Methods and materials for containment and cleaning up

Absorb with suitable absorbent material.
Rinse site with copious amounts of water, which should not be allowed into drains, sewers or watercourses

6.4 Reference to other sections

See section 7 for information on safe handling
See section 8 for information on protective equipment
See section 13 for disposal information

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Take normal hygienic precautions
Ensure good interior ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Store in a cool, dark place for maximum shelf life.

Incompatibilities

Store away from oxidising agents.
Store away from alkalis (caustic solution).
Store away from acids.

7.3 Specific end use(s)

No special precautions.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits

Name	Std	TWA 8 hour exposure limit	STEL 15 minute exposure limit	Source/Type
DNELS				
Human oral		Worker		Consumer
Human dermal		Systemic affects		Systemic effects
Human inhalation		none stated		
Human inhalation				

PNECS

PNEC Aqua (Freshwater)
PNEC Aqua (Marine)
PNEC Sediment
PNEC Soil

8.2 Exposure controls

Engineering measures	Provide eyewash station.
Respiratory protection	If ventilation is insufficient suitable respiratory equipment must be provided.
Hand protection	For prolonged contact with the product, suitable protective gloves conforming to EN374 should be worn. Seek recommendations from manufacturer or supplier.
Eye protection	Contact lenses should not be worn when working with this chemical. Wear approved safety goggles.
Skin protection	Minimise all forms of skin contact. Wash promptly if skin becomes contaminated. Wear suitable protective clothing. Promptly remove non-impervious clothing that becomes contaminated. Launder overalls and under garments regularly. When using do not eat, drink or smoke.
Other protective & hygiene measures	Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

SECTION 9: Physical and chemical properties

9.1 Information on the basic physical and chemical properties

Appearance	Clear liquid.
Odour	Fragranced with perfume.
Odour threshold	Not determined
pH value	pH 7.0 - 9.0
Solubility in water	Water-soluble in all proportions
Initial boiling point/boiling range °C	None specified
Melting Point / range °C	None specified
Flash point °C	33°Ccc
Upper/lower flammability limits	Typically 2-12%
Vapour pressure at 20°C	None specified
Vapour density at 20°C	None specified
Auto ignition temperature °C	None specified
Alcohol content	None
Specific gravity	1.00 g/ml @ 25C
Viscosity at 20°C	water thin

9.2 Other information

None

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SECTION 10: Stability and reactivity

10.1 Reactivity

Not considered to be reactive

10.2 Chemical stability

Stable under normal conditions and storage. See section 7

10.3 Possibility of hazardous reactions

No hazardous reactions.

10.4 Conditions to avoid

High temperatures and direct sun light.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

None.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

Acute toxicity

Not expected to present an acute toxicity hazard.

LD50 (oral rat) >5,000mg/kg

LD50 (dermal rabbit) >5,000mg/kg

Inhalation

In high concentrations vapours may cause headache, fatigue, dizziness and nausea

Skin contact

Prolonged and frequent exposure may cause skin dryness and cracking

Ingestion

Gastrointestinal symptoms, including upset stomach

Eye contact

Irritating to the eyes

Comments

This product has been assessed as safe to use under normal conditions of use and according to instructions.

SECTION 12: Ecological information

This product has not been subjected to toxicological testing. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

This product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment

12.1 Toxicity

Toxicity to fish 100mg/l

Toxicity to invertebrates >100mg/l

Toxicity to algae >100mg/l

12.2 Persistence and degradability

Readily biodegradable.

12.3 Bioaccumulation

May be accumulated in organism.

12.4 Mobility in soil

No further relevant information available

12.5 Results of PBT and vPvB assessment

Not applicable

12.6 Other adverse effects

No further relevant information available

SECTION 13: Disposal considerations

Dispose according to local authority regulations.

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SECTION 14: Transport information

14.1 UN number

UN No. (ADR/RID/IMDG/IATA)

UN1993

14.2 UN proper shipping name

flammable liquid n.o.s.

14.3 Transport hazard class(es)

ADR, IMDG, IATA

3 Flammable liquids
3 Label Class

14.4 Packing group

III (ADR/RID/AND/IMDG/ICAO,IATA)

14.5 Environmental hazards

Marine pollutant

No

14.6 Special precautions for user

Danger code (Kemlar)/hazard no. (ADR)

30

EMS no.

F-E, S-E

Tunnel restriction code

D/E

14.7 Transport in bulk according to annex II of Marpol and the IBC Code

Not applicable

14.8 Additional information

Limited quantities (LQ)

5 Litre(s)

EC N°

SECTION 15: Regulatory information

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

All components are listed as existing substances in Europe

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this product.

SECTION 16: Other information

Classification of the mixture is in general based on calculation method using substance data, as required by (EC) 1272/2008

Abbreviations and acronyms used in the safety data sheet

CAS No	Chemical Abstracts Service number
DNEL	Derived No-Effect Level
EC	European Community
EEC	European Economic Community
EMS No	Emergency Response Procedure number
Eye Irrit.	Eye Irritant
Flam. Liq.	Flammable Liquid
hPa	1 hPa = 100 Pa (Pascal)
LC50	Lethal Concentration, 50%
LD50	Lethal Dose, 50%
PBT	Persistent, Bio accumulative and Toxic
PNEC	Predicted No-Effect Concentration
Ppm	Parts Per Million
REACH	Registration, Evaluation, Authorisation and Restrictions of Chemicals
STOT	Specific Target Organ Toxicity
vPvB	Very Persistent and Very Bio accumulative
WEL	Workplace Exposure Limit

Hazardous and Precautionary Statements in full used in section 2 and 3

Hazard Statements:

Precautionary Statements:

Version 20: 1

Issue Date: 12/05/2023

WE BELIEVE THAT THE INFORMATION CONTAINED HEREIN IS CURRENT AS OF THE DATE OF THIS SAFETY DATA SHEET. IT IS THE USERS OBLIGATION TO DETERMINE CONDITIONS OF SAFE USE OF THIS PRODUCT.