SAFETY DATA SHEET
Citrus Super Gel

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

1.1. Product identifier

Product name Citrus Super Gel

Product number JAN28

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

Identified uses Hand cleaner.

1.3. Details of the supplier of the safety data sheet

Supplier

Beal (UK) Ltd
Sterling Works
Texas Street
Tingley (A650)
Leeds, West Yorkshire
LS27 0HG
T 0113 253 8888
F 0113 253 0223
sales@beal.org.uk

1.4. Emergency telephone number

Emergency telephone 0113 253 8888

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

Hazard statements EUH208 Contains ORANGE TERPENE. May produce an allergic reaction.
NC Not Classified

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Water **60-100%**

CAS number: 7732-18-5 EC number: 231-791-2

Classification
Not Classified

Citrus Super Gel

Perlite **5-10%**

CAS number: 93763-70-3

Classification
Not Classified

TRIETHANOLAMINE 90% **<1%**

CAS number: 102-71-6 EC number: 203-049-8 REACH registration number: 01-2119486482-31

Classification
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319

Amides, C8 - C18 and C18 unsatd N,N-bis (hydroxyethyl) **<1%**

CAS number: 68155-07-7 EC number: 931-329-6 REACH registration number: 01-2119490100-53-XXXX

Classification
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
Aquatic Chronic 2 - H411

Dimethyl glutarate **<1%**

CAS number: 1119-40-0

Classification
Not Classified

Alcohol ethoxylate **<1%**

CAS number: 68439-46-3 REACH registration number: N/A

Classification
Acute Tox. 4 - H302
Eye Dam. 1 - H318

DIETHANOLAMINE **<1%**

CAS number: 111-42-2 EC number: 203-868-0 REACH registration number: 01-2119488930-28-XXXX

Classification
Acute Tox. 4 - H302
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
STOT RE 2 - H373

Citrus Super Gel

2-PHENOXYETHANOL **<1%**

CAS number: 122-99-6 EC number: 204-589-7 REACH registration number: 01-2119488943-21

Classification
Acute Tox. 4 - H302
Eye Irrit. 2 - H319

Dimethyl adipate **<1%**

CAS number: 627-93-0 EC number: 211-020-6

Classification
Not Classified

Peg75/50 Lanolin **<1%**

CAS number: 61790-81-6

Classification
Not Classified

Methyl 4-Hydroxybenzoate **<1%**

CAS number: 99-76-3 EC number: 202-785-7 REACH registration number: 01-2119463264-40-XXXX

Classification
Aquatic Chronic 3 - H412

Propyl 4-hydroxybenzoate **<1%**

CAS number: 94-13-3 EC number: 202-307-7

Classification
Not Classified

Monoethanolamine Lauryl Sulphate **<1%**

CAS number: 4722-98-9

Classification
Not Classified

Dimethyl succinate **<1%**

CAS number: 106-65-0 EC number: 203-419-9 REACH registration number: 01-2119486681-29

Classification
Eye Irrit. 2 - H319

Citrus Super Gel

ORANGE TERPENE		**<1%**
CAS number: 8028-48-6	EC number: 232-433-8	REACH registration number: 01-2119493353-35-XXXX
M factor (Acute) = 1	M factor (Chronic) = 1	

Classification
Flam. Liq. 3 - H226
Skin Irrit. 2 - H315
Skin Sens. 1 - H317
Asp. Tox. 1 - H304
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

BRONOPOL (INN)		**<1%**
CAS number: 52-51-7	EC number: 200-143-0	
M factor (Acute) = 10		

Classification
Acute Tox. 4 - H302
Acute Tox. 4 - H312
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
STOT SE 3 - H335
Aquatic Acute 1 - H400

2,4-dihydro-5-methyl-2-phenyl-4-(phenylazo)-3H-pyrazol-3-one		**<1%**
CAS number: 4314-14-1	EC number: 224-330-1	REACH registration number: 02-2119769831-28-XXXX

Classification
Not Classified

Coconut Methyl Ester		**<1%**
CAS number: 61788-59-8	EC number: 262-988-1	
M factor (Acute) = 1		

Classification
Aquatic Acute 1 - H400

The full text for all hazard statements is displayed in Section 16.

Composition comments This is a cosmetic product and as such is not regulated by CLP. This product is classified according to EC 1223/2009.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Citrus Super Gel

Ingestion Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.

Skin contact Rinse with water. This product is designed for application to the skin and irritation is therefore not generally expected.

Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

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

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire. The product is not flammable.

5.2. Special hazards arising from the substance or mixture

Specific hazards Fire creates: Carbon monoxide (CO). Carbon dioxide (CO_2).

5.3. Advice for firefighters

Special protective equipment for firefighters Use air-supplied respirator, gloves and protective goggles. Wear chemical protective suit.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material. To prevent release, place container with damaged side up.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from freezing and direct sunlight.

7.3. Specific end use(s)

Citrus Super Gel

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

TRIETHANOLAMINE 90%

Long-term exposure limit (8-hour TWA): No std.

ORANGE TERPENE

Long-term exposure limit (8-hour TWA): No std.

2-PHENOXYETHANOL (CAS: 122-99-6)

DNEL

Workers - Dermal; Long term systemic effects: 34.72 mg/kg/day
Workers - Inhalation; Long term systemic effects: 8.07 mg/m³
Workers - Inhalation; Long term local effects: 8.07 mg/m³
Consumer - Oral; Short term systemic effects: 17.43 mg/kg/day
Workers - Inhalation; Long term local effects: 8.07 mg/m³
Consumer - Dermal; Long term systemic effects: 20.83 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 2.5 mg/m³
Consumer - Oral; Long term systemic effects: 17.43 mg/kg/day
Consumer - Inhalation; Long term local effects: 2.5 mg/m³

PNEC

- Fresh water; 0.943 mg/l
- Water, Intermittent release; 3.44 mg/l
- marine water; 0.094 mg/l
- STP; 24.8 mg/l
- Sediment (Freshwater); 7.2366 mg/kg
- Sediment (Marinewater); 0.7237 mg/kg
- Soil; 1.26 mg/kg

Methyl 4-Hydroxybenzoate (CAS: 99-76-3)

DNEL

Workers - Dermal; Long term systemic effects: 2.45 mg/kg/day
Workers - Inhalation; Long term systemic effects: 14.7 mg/m³
General population - Dermal; Long term systemic effects: 1.23 mg/kg/day
General population - Oral; Long term systemic effects: 3.62 mg/m³
General population - Oral; Long term systemic effects: 1.04 mg/kg/day

PNEC

- Fresh water; 0.004 mg/l
- marine water; 0.0004 mg/l
- STP; 2 mg/l
- Intermittent release; 0.112 mg/l
- Sediment (Freshwater); 0.1264 mg/kg
- Sediment (Marinewater); 0.0126 mg/kg/day
- Soil; 0.0229 mg/kg

ORANGE TERPENE (CAS: 8028-48-6)

DNEL

Consumer - Oral, Dermal; Long term systemic effects: 4.44 mg/kg/day
Workers - Dermal; Long term systemic effects: 8.89 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 7.78 mg/m³
Workers - Inhalation; Long term systemic effects: 31.1 mg/m³

Citrus Super Gel

PNEC	- Fresh water; 0.054 mg/l - Sediment (Freshwater); 1.3 mg/kg - Intermittent release; 0.00577 mg/l - Sediment (Marinewater); 0.13 mg/kg - marine water; 0.0054 mg/l - STP; 2.1 mg/l - Soil; 0.261 mg/kg

8.2. Exposure controls

Personal protection	When using do not smoke
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.
Hand protection	Hand protection not required.
Other skin and body protection	Provide eyewash station.
Hygiene measures	Wash at the end of each work shift and before eating, smoking and using the toilet.
Respiratory protection	Respiratory protection not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Coloured gel. Viscous liquid.
Colour	Orange.
Odour	Slight. Characteristic.
pH	pH (concentrated solution): 7 - 9
Initial boiling point and range	No information available.
Relative density	0.98 - 1.01 @ °C
Solubility(ies)	Soluble in water.

9.2. Other information

Other information	Not available.
Volatile organic compound	This product contains a maximum VOC content of 0 g/l.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Stable at normal ambient temperatures and when used as recommended.

10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Does not decompose when used and stored as recommended.

10.4. Conditions to avoid

Conditions to avoid	Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Citrus Super Gel

Materials to avoid	Keep away from oxidising materials, heat and flames.

10.6. Hazardous decomposition products

Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation	No significant hazard at normal ambient temperatures. Heating may generate the following products: Toxic gases or vapours.
Ingestion	Gastrointestinal symptoms, including upset stomach.
Skin contact	Skin irritation should not occur when used as recommended.
Eye contact	Irritating to eyes.
Acute and chronic health hazards	No specific health hazards known.
Route of exposure	Ingestion. Inhalation Skin and/or eye contact
Target organs	No specific target organs known.

Toxicological information on ingredients.

Alcohol ethoxylate

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	1,000.0
Species	Rat

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	2,000.0
Species	Rat

2-PHENOXYETHANOL

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	500.0
Species	Rat
ATE oral (mg/kg)	500.0

BRONOPOL (INN)

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	500.0
Species	Rat

ATE oral (mg/kg)	500.0

SECTION 12: Ecological information

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity

Toxicity Not available.

Ecological information on ingredients.

Alcohol ethoxylate

Acute aquatic toxicity

Acute toxicity - fish	LC_{50}, 96 hours: 1-10 mg/l, Fish

ORANGE TERPENE

Acute aquatic toxicity

LE(C)$_{50}$	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Acute toxicity - fish	LC_{50}, 96 hours: 0.7 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 0.67 mg/l, Daphnia magna
Acute toxicity - aquatic plants	IC_{50}, 72 hours: 150 mg/l, Desmodesmus subspicatus

Chronic aquatic toxicity

M factor (Chronic)	1

BRONOPOL (INN)

Acute aquatic toxicity

LE(C)$_{50}$	0.01 < L(E)C50 ≤ 0.1
M factor (Acute)	10

Coconut Methyl Ester

Acute aquatic toxicity

LE(C)$_{50}$	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1

12.2. Persistence and degradability

Persistence and degradability Not available.

Ecological information on ingredients.

ORANGE TERPENE

Biodegradation	- Degradation 72-83.4 %: 28 days

12.3. Bioaccumulative potential

Bioaccumulative potential Not available.

Citrus Super Gel

Ecological information on ingredients.

ORANGE TERPENE

Bioaccumulative potential	BCF: 32-156,
Partition coefficient	log Pow: ≥ 4 (>80% product)

12.4. Mobility in soil

Mobility Not known.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment Not available.

12.6. Other adverse effects

Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

Citrus Super Gel

National regulations	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). EH40/2005 Workplace exposure limits.
EU legislation	Commission Regulation (EU) No 2015/830 of 28 May 2015. REGULATION (EC) No 1223/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 30 November 2009 on cosmetic products.
Guidance	Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments	This is the first issue.
Revision date	26/02/2020
Revision	1
SDS number	21833
SDS status	Approved.
Hazard statements in full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. EUH208 Contains ORANGE TERPENE. May produce an allergic reaction.