



SAFETY DATA SHEET

KLAREMONT EVOLUTION CONCENTRATED TOILET CLEANER & DESCALER

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

1.1. Product identifier

Product name KLAREMONT EVOLUTION CONCENTRATED TOILET CLEANER & DESCALER

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

1.3. Details of the supplier of the safety data sheet

Supplier

Klaremont Ltd.
67 Weir Road
London
SW19 8UG
UK
Tel: 0330 123 9191
Fax: 020 8971 2005
Email: sales@klaremont.com

Manufacturer

Cleenol Group Ltd
Neville House
Beaumont Road
Banbury
Oxon OX16 1RB
UK
Tel: 01295 251721
Fax: 01295 269561
sales@cleenol.co.uk

1.4. Emergency telephone number

Emergency telephone

Poisons Information Specialist
National Poisons Information Service
Birmingham
B18 7QH
Tel: 0121 507 5122

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified

Health hazards Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335

Environmental hazards Aquatic Acute 1 - H400

Classification (67/548/EEC or -
1999/45/EC)

2.2. Label elements

KLAREMONT EVOLUTION CONCENTRATED TOILET CLEANER & DESCALER

Pictogram



Signal word	Danger
Hazard statements	H314 Causes severe skin burns and eye damage. H335 May cause respiratory irritation. H400 Very toxic to aquatic life.
Precautionary statements	P264 Wash contaminated skin thoroughly after handling. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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. P363 Wash contaminated clothing before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P501 Dispose of contents/container in accordance with national regulations.
Contains	CITRIC ACID, BIS (2-HYDROXYETHYL) OLEYL AMINE, SODIUM CUMENE SULPHONATE
Supplementary precautionary statements	P260 Do not breathe vapour/spray. P261 Avoid breathing vapour/spray. P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. P312 Call a POISON CENTER/doctor if you feel unwell. P405 Store locked up.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

CITRIC ACID10-30%		
CAS number: 77-92-9	EC number: 201-069-1	REACH registration number: 01211945702642XXXX
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335 STOT SE 3 - H335	Classification (67/548/EEC or 1999/45/EC) Xi;R36/37/38.	
BIS (2-HYDROXYETHYL) OLEYL AMINE10-30%		
CAS number: 25307-17-9	EC number: 246-807-3	
M factor (Acute) = 10		
Classification Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	Classification (67/548/EEC or 1999/45/EC) Xn;R22. C;R34. N;R50.	

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PROPAN-2-OL			10-30%
CAS number: 67-63-0	EC number: 200-661-7	REACH registration number: 01-2119457558-25-0000	
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336 STOT SE 3 - H336		Classification (67/548/EEC or 1999/45/EC) F;R11 Xi;R36 R67	

SODIUM CUMENE SULPHONATE			5-10%
CAS number: 32073-22-6	EC number: 250-913-5		
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335 STOT SE 3 - H335		Classification (67/548/EEC or 1999/45/EC) Xi;R36/37/38.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Remove affected person from source of contamination. Keep affected person warm and at rest. Get medical attention immediately.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention immediately.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.
Eye contact	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

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

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Avoid or minimise the creation of any environmental contamination.

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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Do not touch or walk into spilled material. Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water.
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6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Avoid spilling. Avoid contact with skin and eyes.
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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. Keep only in the original container.
Storage class	Corrosive storage.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

WEL = Workplace Exposure Limit

Ingredient comments	WEL = Workplace Exposure Limits
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CITRIC ACID (CAS: 77-92-9)

Ingredient comments	WEL = Workplace Exposure Limits
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8.2. Exposure controls

Protective equipment



Appropriate engineering controls	Not relevant.
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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 or face shield.
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Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
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Other skin and body protection	Wear appropriate clothing to prevent any possibility of skin contact.
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Hygiene measures	Provide eyewash station and safety shower. Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.
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Respiratory protection Not relevant.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Blue.
Odour	Characteristic.
Initial boiling point and range	100°C @ 760 mm Hg
Relative density	1.072 @ 20°C

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

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

10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Hydrogen chloride (HCl).
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg)	2,777.77777778
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Inhalation	May cause damage to mucous membranes in nose, throat, lungs and bronchial system.
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Ingestion	May cause burns in mucous membranes, throat, oesophagus and stomach.
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Skin contact	May cause serious chemical burns to the skin.
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Eye contact	Causes burns.
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SECTION 12: Ecological Information

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

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13.1. Waste treatment methods

Disposal methods sues new

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 2735

UN No. (IMDG) 2735

UN No. (ICAO) 2735

14.2. UN proper shipping name

Proper shipping name AMINES, LIQUID, CORROSIVE, N.O.S (BIS (2-HYDROXYETHYL) OLEYL AMINE)
(ADR/RID)

Proper shipping name AMINES, LIQUID, CORROSIVE, N.O.S (BIS (2-HYDROXYETHYL) OLEYL AMINE)
(IMDG)

Proper shipping name (ICAO) AMINES, LIQUID, CORROSIVE, N.O.S (BIS (2-HYDROXYETHYL) OLEYL AMINE)

Proper shipping name (ADN) AMINES, LIQUID, CORROSIVE, N.O.S (BIS (2-HYDROXYETHYL) OLEYL AMINE)

14.3. Transport hazard class(es)

ADR/RID class 8

ADR/RID label 8

IMDG class 8

ICAO class/division 8

Transport labels



14.4. Packing group

ADR/RID packing group 5(b)

IMDG packing group III

ICAO packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS F-A, S-B

Emergency Action Code 2X

Hazard Identification Number 80
(ADR/RID)

Tunnel restriction code (E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

KLAREMONT EVOLUTION CONCENTRATED TOILET CLEANER & DESCALER

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

National regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
Guidance	Workplace Exposure Limits EH40. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131. Safety Data Sheets for Substances and Preparations

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	28/09/2015
Revision	8
Supersedes date	13/04/2015
SDS number	N7 (Code No. EV9)
Risk phrases in full	R11 Highly flammable. R20/22 Harmful by inhalation and if swallowed. R22 Harmful if swallowed. R34 Causes burns. R36 Irritating to eyes. R36/37/38 Irritating to eyes, respiratory system and skin. R37 Irritating to respiratory system. R38 Irritating to skin. R43 May cause sensitisation by skin contact. R50 Very toxic to aquatic organisms. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R67 Vapours may cause drowsiness and dizziness.
Hazard statements in full	H225 Highly flammable liquid and vapour. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H400 Very toxic to aquatic life.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.