



## COSHH ASSESSMENT – 1000 Concentrated Toilet Cleaner & Descaler



### SAFETY DATA SHEET CLEENOL EVOLUTION 1000 CONCENTRATED TOILET CLEANER & DESCALER

#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1. Product identifier

Product name: CLEENOL EVOLUTION 1000 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: Cleenol Group Ltd  
Neville House  
Beaumont Road  
Banbury  
Oxfordshire  
OX16 1RB  
Tel : 01295 251721  
Fax : 01295 269561  
sales@cleenol.co.uk

##### 1.4. Emergency telephone number

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

Classification (EC 1272/2008)

Physical and Chemical Hazards Not classified.  
Human health Skin Corr. 1B - H314; STOT Single 3 - H335  
Environment Not classified.

Classification (1999/45/EEC)

C;R34, Xi;R37.

**2.2. Label elements**

Contains

BIS (2-HYDROXYETHYL) OLEYL AMINE

Label In Accordance With (EC) No. 1272/2008



Signal Word

Danger

Hazard Statements

H314 Causes severe skin burns and eye damage.  
H335 May cause respiratory irritation.

Precautionary Statements

P102 Keep out of reach of children.  
P280a Wear protective gloves.  
P280c Wear eye protection.  
P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P315 Get immediate medical advice/attention.  
P332+313 If skin irritation occurs: Get medical advice/attention.

**2.3. Other hazards**

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

BENZYL ALCOHOL	< 1%
CAS-No.: 100-51-6	EC No.: 202-859-9
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H332	Classification (67/548/EEC) Xn;R20/22
BIS (2-HYDROXYETHYL) OLEYL AMINE	10-30%
CAS-No.: 25307-17-9	EC No.: 246-807-3
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Corr. 1B - H314 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xn;R22. C;R34. N;R50.



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Dispose of contents / containers to local authority guidelines

### 2.3. Other hazards

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BUTYLPHENYL METHYLPROPIONAL		< 1%
CAS-No.: 80-54-6	EC No.:	
Classification (EC 1272/2008) Aquatic Chronic 2 - H411	Classification (67/548/EEC) N;R51/53.	
CITRIC ACID		10-30%
CAS-No.: 77-92-9	EC No.: 201-069-1	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT Single 3 - H335	Classification (67/548/EEC) Xi;R36/37/38.	
CITRONELLOL		< 1%
CAS-No.: 106-22-9	EC No.:	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xi;R38. N;R51/53. R43.	
LANASYN BLUE F-L 150		< 1%
Classification (EC 1272/2008) Aquatic Chronic 3 - H412	Classification (67/548/EEC) R52/53.	



**SECTION 4: FIRST AID MEASURES**

**4.1. Description of first aid measures**

**Inhalation**

Remove victim immediately from source of exposure. Keep the affected person warm and at rest. Get prompt medical attention.

**Ingestion**

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention immediately!

**Skin contact**

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

**Eye contact**

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. 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**

**Extinguishing media**

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

**5.2. Special hazards arising from the substance or mixture**

**5.3. Advice for firefighters**

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PROPAN-2-OL		10-30%
CAS-No.: 67-63-0	EC No.: 200-661-7	
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT Single 3 - H336	Classification (67/548/EEC) F+R11 Xi;R36 R67	
SODIUM CUMENE SULPHONATE		5-10%
CAS-No.: 32073-22-6	EC No.: 250-913-5	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT Single 3 - H335	Classification (67/548/EEC) Xi;R36/37/38	

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

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

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

### 6.2. Environmental precautions

Do not allow ANY environmental contamination.

### 6.3. Methods and material for containment and cleaning up

DO NOT TOUCH SPILLED MATERIAL! Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area.

### 6.4. Reference to other sections

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

#### CLEENOL EVOLUTION 1000 CONCENTRATED TOILET CLEANER & DESCALER

Avoid spilling, skin and eye contact.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

Storage Class

Corrosive storage.

### 7.3. Specific end use(s)

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
PROPAN-2-OL	WEL	400 ppm	999 mg/m <sup>3</sup>	500 ppm	1250 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit,

Ingredient Comments

WEL = Workplace Exposure Limits

### 8.2. Exposure controls

Protective equipment



Process conditions

Provide eyewash, quick drench.

Engineering measures

Not relevant

Respiratory equipment

Not relevant

Hand protection

Use suitable protective gloves if risk of skin contact.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

## 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 boiling range	100 760 mm Hg
Relative density	1.072 20

### 9.2. Other information

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

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

## CLEENOL EVOLUTION 1000 CONCENTRATED TOILET CLEANER & DESCALER

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

Fire or high temperatures create: Hydrogen chloride (HCl).

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Inhalation

May cause damage to mucous membranes in nose, throat, lungs and bronchial system.

Ingestion

May cause burns in mucous membranes, throat, oesophagus and stomach.

Skin contact

May cause serious chemical burns to the skin.

Eye contact

Causes burns.

## 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**

**13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements.

**SECTION 14: TRANSPORT INFORMATION**

**14.1. UN number**

UN No. (ADR/RID/ADN)	2735
UN No. (IMDG)	2735
UN No. (ICAO)	2735

**14.2. UN proper shipping name**

Proper Shipping Name            AMINES, LIQUID, CORROSIVE, N.O.S.

**14.3. Transport hazard class(es)**

ADR/RID/ADN Class	8
ADR/RID/ADN Class	Class 8: Corrosive substances.
ADR Label No.	8
IMDG Class	8
ICAO Class/Division	8
Transport Labels	



**CLEENOL EVOLUTION 1000 CONCENTRATED TOILET CLEANER & DESCALER**

**14.4. Packing group**

ADR/RID/ADN Packing group	III
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 No. (ADR)	80
Tunnel Restriction Code	(E)

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

**SECTION 15: REGULATORY INFORMATION**

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

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

**15.2. Chemical Safety Assessment**



#### SECTION 16: OTHER INFORMATION

Revision Date	12/05/2011
Revision	3
Supersedes date	04/03/2011
SDS No.	N7/1000
Risk Phrases In Full	
R34	Causes burns.
R20/22	Harmful by inhalation and if swallowed.
R22	Harmful if swallowed.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R11	Highly flammable
R36/37/38	Irritating to eyes, respiratory system and skin.
R36	Irritating to eyes.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.
R50	Very toxic to aquatic organisms.

#### CLEENOL EVOLUTION 1000 CONCENTRATED TOILET CLEANER & DESCALER

##### Hazard Statements In Full

H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H332	Harmful if inhaled.
H302	Harmful if swallowed.
H412	Harmful to aquatic life with long lasting effects.
H225	Highly flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.
H335	May cause respiratory irritation.
H411	Toxic to aquatic life with long lasting effects.
H400	Very toxic to aquatic life.