



## SAFETY DATA SHEET

### KLAREMONT EVOLUTION CONCENTRATED HEAVY DUTY CLEANER & DEGREASER

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

##### 1.1. Product identifier

**Product name** KLAREMONT EVOLUTION CONCENTRATED HEAVY DUTY CLEANER & DEGREASER

##### 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** Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318

**Environmental hazards** Not Classified

**Classification (67/548/EEC or 1999/45/EC)** Xn;R22. Xi;R38,R41.

##### 2.2. Label elements

# KLAREMONT EVOLUTION CONCENTRATED HEAVY DUTY CLEANER & DEGREASER

## Pictogram



## Signal word

Danger

## Hazard statements

H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.

## Precautionary statements

P264 Wash contaminated skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves, eye and face protection.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P330 Rinse mouth.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P501 Dispose of contents/container in accordance with national regulations.

## Contains

TRIETHANOLAMINE, FATTY ALCOHOL ETHOXYLATE, SODIUM HYDROXIDE

## Supplementary precautionary statements

P321 Specific treatment (see medical advice on this label).

## 2.3. Other hazards

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### FATTY ALCOHOL ETHOXYLATE

30-60%

CAS number: 160901-19-9

##### Classification

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

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

Xn;R22. Xi;R41.

##### 2-(2-BUTOXYETHOXY)ETHANOL

10-30%

CAS number: 112-34-5

EC number: 203-961-6

##### Classification

Eye Irrit. 2 - H319

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

Xi;R36

##### TRIETHANOLAMINE

5-10%

CAS number: 102-71-6

##### Classification

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

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

Xn;R22,R48/22. Xi;R38,R41.

**KLAREMONT EVOLUTION CONCENTRATED HEAVY DUTY CLEANER & DEGREASER**

ALKYLAMINE DICARBOXYLATE			5-10%
CAS number: 3655-00-3		EC number: 290-476-8	
Classification Eye Irrit. 2 - H319		Classification (67/548/EEC or 1999/45/EC) Xi;R36.	
SODIUM HYDROXIDE			1-5%
CAS number: 1310-73-2		EC number: 215-185-5	REACH registration number: 01-2119457892-27-XXXX
Classification Skin Corr. 1A - H314 Eye Dam. 1 - H318		Classification (67/548/EEC or 1999/45/EC) C;R35	
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 STOT SE 3 - H335 Aquatic Acute 1 - H400		Classification (67/548/EEC or 1999/45/EC) Xn;R21/22 Xi;R37/38,R41 N;R50	

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**

<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.
<b>Ingestion</b>	Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. Remove affected person from source of contamination. Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
<b>Skin contact</b>	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.
<b>Eye contact</b>	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

**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**

# KLAREMONT EVOLUTION CONCENTRATED HEAVY DUTY CLEANER & DEGREASER

**Suitable extinguishing media**      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**

**6.2. Environmental precautions**

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

**Methods for cleaning up**      Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.

**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. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level.

**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.

**7.3. Specific end use(s)**

**SECTION 8: Exposure Controls/personal protection**

**8.1. Control parameters**

**Occupational exposure limits**

**SODIUM HYDROXIDE**

Long-term exposure limit (8-hour TWA): WEL  
Short-term exposure limit (15-minute): WEL    2 mg/m³  
WEL = Workplace Exposure Limit

**8.2. Exposure controls**

**Protective equipment**



**Appropriate engineering controls**      Provide adequate general and local exhaust ventilation.

**Eye/face protection**      The following protection should be worn: Chemical splash goggles.

**Hand protection**      Use protective gloves.

**Other skin and body protection**      Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

**Hygiene measures**      Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

# KLAREMONT EVOLUTION CONCENTRATED HEAVY DUTY CLEANER & DEGREASER

**Respiratory protection** No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

Appearance	Coloured liquid.
Colour	Yellow.
Odour	Mild. Characteristic.
pH	12-14
Initial boiling point and range	100°C @ 760 mm Hg
Vapour pressure	1 @ °C
Relative density	1.032 @ 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 contact with the following materials: Acids. Oxidising agents.

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**ATE oral (mg/kg)** 1,030.92783505

**Inhalation** Harmful by inhalation. May cause respiratory system irritation.

**Ingestion** Harmful if swallowed.

**Skin contact** Harmful in contact with skin. Irritating to skin.

**Eye contact** Irritating to eyes.

**Target organs** Skin Eyes Respiratory system, lungs

## SECTION 12: Ecological Information

**Ecotoxicity** No negative effects on the aquatic environment are known.

### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

# KLAREMONT EVOLUTION CONCENTRATED HEAVY DUTY CLEANER & DEGREASER

## 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

**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

**Road transport notes** Not classified.

**Rail transport notes** Not classified.

**Sea transport notes** Not classified.

**Air transport notes** Not classified.

#### 14.1. UN number

#### 14.2. UN proper shipping name

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

#### 14.4. Packing group

#### 14.5. Environmental hazards

#### 14.6. Special precautions for user

#### 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

**National regulations** The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

**Guidance** Workplace Exposure Limits EH40.  
Introduction to Local Exhaust Ventilation HS(G)37.  
CHIP for everyone HSG228.  
Approved Classification and Labelling Guide (Sixth edition) L131.

#### 15.2. Chemical safety assessment

### SECTION 16: Other information

**Revision date** 29/09/2015

**Revision** 8

**Supersedes date** 28/09/2015

**SDS number** N3 (Code No. EV2)

**Risk phrases in full** R22 Harmful if swallowed.  
R35 Causes severe burns.  
R36 Irritating to eyes.  
R38 Irritating to skin.  
R41 Risk of serious damage to eyes.  
R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.

## KLAREMONT EVOLUTION CONCENTRATED HEAVY DUTY CLEANER & DEGREASER

### Hazard statements in full

H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
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.  
H373 May cause damage to organs through prolonged or repeated exposure.  
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.