



## SAFETY DATA SHEET CLEENOL DESCALER & TARNISH REMOVER

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

**1.1. Product identifier**

Product name CLEENOL DESCALER & TARNISH REMOVER

**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 Irrit. 2 - H315; Eye Irrit. 2 - H319
Environment	Not classified.

Classification (1999/45/EEC)

Xi;R36/38.

**2.2. Label elements**

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



Signal Word

Warning

Hazard Statements

H315	Causes skin irritation.
H319	Causes serious eye irritation.

Precautionary Statements

P102	Keep out of reach of children.
P280a	Wear protective gloves.
P280c	Wear eye protection.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P337+313	If eye irritation persists: Get medical advice/attention. Dispose of contents / containers as normal waste

Supplementary Precautionary Statements

P302+352	IF ON SKIN: Wash with plenty of soap and water.
P332+313	If skin irritation occurs: Get medical advice/attention.

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## 2.3. Other hazards

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

PHOSPHORIC ACID ...%	10-30%
CAS-No.: 7664-38-2	EC No.: 231-633-2
Classification (EC 1272/2008) Skin Corr. 1B - H314	Classification (67/548/EEC) C;R34

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

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists 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. 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

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

### 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

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

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. Do not contaminate water sources or sewer.

#### 6.4. Reference to other sections

### SECTION 7: HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

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

Chemical storage.

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## 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
PHOSPHORIC ACID ...%	WEL		1 mg/m3		2 mg/m3	

WEL = Workplace Exposure Limit.

Ingredient Comments

WEL = Workplace Exposure Limits

#### 8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

Respiratory equipment

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

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	Colourless.
Odour	Characteristic.

#### 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.

#### 10.5. Incompatible materials

#### 10.6. Hazardous decomposition products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

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Inhalation

In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

Ingestion

May cause discomfort if swallowed.

Skin contact

Irritating to skin.

Eye contact

Irritating to eyes.

## 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

Road Transport Notes                      Not Classified

Rail Transport Notes                      Not classified.

Sea 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

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                              04/03/2011

Revision                                      2

Supersedes date                          18/06/2010

## CLEENOL DESCALER & TARNISH REMOVER

SDS No.	K13
Risk Phrases In Full	
R34	Causes burns.
Hazard Statements In Full	
H314	Causes severe skin burns and eye damage.

### Disclaimer

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.