

## SAFETY DATA SHEET

### CASCADE

#### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

<b>Product Name</b>	CASCADE
<b>Part No and Pack Size</b>	031235 (12.5kg)
<b>Safety Data Sheet No</b>	C11
<b>Supplier</b>	CLEENOL GROUP LIMITED Neville House, Beaumont Road, Banbury, Oxon OX16 1RB <b>Tel:</b> 01295 251721 <b>FAX:</b> 01295 269561 <b>E Mail:</b> sales@cleenol.co.uk
<b>Emergency Tel No.</b>	Poisons Information Specialist National Poisons Information Service Birmingham B18 7QH Tel: 0121 507 5122

#### 2. HAZARDS IDENTIFICATION

##### 2.1 Classification of the substance or mixture

Classification (EC 1272/2008) H315/H319 EUH031 H412

##### 2.2 Label Elements

Labels in Accordance with (EC) No 1272/2008

##### Signal word warning



##### Hazard Statements

H315 / H319 Causes skin irritation/causes serious eye irritation  
 EUH 031 Contact with acids liberates toxic gas  
 H302 Harmful if swallowed  
 H412 Harmful to aquatic life with long lasting effects

##### Precautionary Statements

P262 Do not get in eyes, on skin, or on clothing  
 P305 / P351 / P338 If in eyes rinse cautiously with water for several minutes  
 Remove contact lenses, if present and easy to do. Continue rinsing  
 P102 Keep out of reach of children.  
 P301 / P330 / P331 If swallowed rinse mouth do not induce vomiting  
 P232 Protect from moisture

##### 2.3 Other Hazards

Not Classified as PBT/vPvB by current EU Criteria

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS No	EINECS No	Risk Phrase	Conc
DISODIUM METASILICATE	6834-92-0	229-912-9	R34	5-10%
TRISODIUM ORTHOPHOSPHATE	7601-54-9	231-509-8	R36/38	25-30%
SODIUM CARBONATE	497-19-8	207-838-8	R36	30-60%
SODIUM DICHLOROISOCYANURATE DIHYDRATE	51580-86-0	220-767-7	R22, R31, R36/37, R50/53	1-3%

### 4. FIRST AID MEASURES

<b>EYES</b>	Rinse immediately with plenty of water holding eyelids open. Seek medical advice if effects persist.
<b>SKIN</b>	Wash thoroughly. Remove contaminated clothing and wash before re-use.
<b>INGESTION</b>	Remove product from mouth. Give the casualty a small amount of water to drink and seek medical advice. DO NOT INDUCE VOMITING.
<b>INHALATION</b>	Move exposed person from source of exposure. Seek medical advice if effects persist.

In all cases, if symptoms persist, seek medical advice and show this information sheet.

Note for Medical Practitioners : This information is registered with the National Poisons Information Service.

### 5. FIRE FIGHTING MEASURES

<b>EXTINGUISHING MEDIA</b>	Substance itself is not a fire hazard. In the event of a fire from other causes the product is compatible with water, carbon dioxide (CO <sub>2</sub> ) extinguisher, foam extinguisher, dry powder extinguisher.
<b>FIRE HAZARDS</b>	May evolve toxic fumes if involved in a fire.
<b>PROTECTIVE EQUIPMENT</b>	Fire fighters should wear self-contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

### 6. ACCIDENTAL RELEASE MEASURES

<b>PERSONAL PRECAUTIONS</b>	Prevent eye and skin contact. Wear suitable gloves/ eye face protection.
<b>CLEAN UP METHODS</b>	Sweep up and dispose of safely as solid waste. Hose down area with plenty of water.
<b>ENVIRONMENTAL PRECAUTIONS</b>	Do not allow product to enter drains/sewers/water courses

### 7. HANDLING AND STORAGE

<b>HANDLING</b>	Avoid contact with skin and eyes. Prevent the formation of dust.
<b>STORAGE</b>	Avoid extremes of temperature. Store in original containers. Do not mix with any other chemicals.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>HAND PROTECTION</b>	Use rubber or chemical resistant gloves BS EN 374.
<b>EYE PROTECTION</b>	Not normally required unless a risk assessment indicates the need for it.
<b>SKIN PROTECTION</b>	Not normally required unless a risk assessment indicates the need for it.
<b>RESPIRATION</b>	Not normally required unless a risk assessment indicates the need for it.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE</b>	Granular Powder
<b>COLOUR</b>	White
<b>ODOUR</b>	Chlorine
<b>SOLUBILITY</b>	Water soluble
<b>pH</b>	10.5 – 11.5

## 10. STABILITY AND REACTIVITY

<b>STABILITY</b>	Keep away from acids. Contact with acids liberates chlorine. Exothermic reaction with acids. Hazardous decomposition products may include chlorine. Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.
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## 11. TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION

Ingestion	Irritant
Skin Contact	Irritant
Eye Contact	Irritant
Inhalation	Irritant

## 12. ECOLOGICAL INFORMATION

Ingredients according to EC 648/2004

More than 30% phosphates

Less than 5% chlorine based bleaching agents

The bleaching agents in this product break down rapidly in the environment into harmless substances. When used for its intended purpose, this product should not cause an adverse effect in the environment.

## 13. DISPOSAL CONSIDERATIONS

<b>GENERAL INFORMATION</b>	This product is not classified as hazardous waste under the Special Waste (Amendment) Regulation (SI 1996/2019). For disposal contact a licensed waste management company. Rinse out containers at least twice with water and recycle if facilities exist or dispose of as commercial waste.  European waste catalogue : 20 01 29.
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## 14. TRANSPORT INFORMATION

The product is not classified as dangerous for carriage.

## 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. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition)

L131. Safety Data Sheets for Substances and Preparations.

## 16. OTHER INFORMATION

Handle and apply only as recommended. For full information see the product label. This information is intended to describe the product in terms of health and safety and environmental requirements for the purpose of safe handling. This information does not comprise a performance or technical specification. Users are responsible for safe working. See regulation 6 of Control of Substances Hazardous to Health Regulations.

### Text of risk phrases associated with ingredients listed in Section 3.

R22	Harmful if swallowed
R31	Contact with acid liberates toxic gas#
R34	Causes burns
R36	Irritation to eyes
R36/37	Irritation to eyes and respiratory system
R36/38	Irritating to skin and eyes
R41	Risk of serious damage to eyes.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### FURTHER INFORMATION

This product is only to be used for the purpose for which it was intended and in accordance with the specified instructions. This product should never be mixed with other chemical products and should be handled with care and stored carefully out of reach of children.

All Cleenol containers are recyclable and we would be pleased to provide relevant information about individual packs, and recycling agencies.

Information contained in this Safety Data Sheet is accurate to the best knowledge of Cleenol Group Ltd.

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Because of our continuing desire to incorporate technical improvements and innovations, and in view of the possibility of the occasional need to substitute certain materials, Cleenol reserve the right to alter specifications without notice.

Unless otherwise stated, it is recommended that this product is used within 12 months of purchase.