



## SAFETY DATA SHEET CHLORINE HR

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

#### 1.1. Product identifier

Product name CHLORINE HR  
Product No. AD-1196, CM 162, CR 162, PK 162, PM 162, WAG-WE10318, AK 162, AP 162, WAG-WE10122, PTH 027

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

Identified uses TESTING WATER

#### 1.3. Details of the supplier of the safety data sheet

Supplier PALINTEST LIMITED  
PALINTEST HOUSE  
TEAM VALLEY  
GATESHEAD  
TYNE & WEAR NE11 0NS  
ENGLAND  
TEL 0191 491 0808  
FAX 0191 482 5372  
palintest@palintest.com

#### 1.4. Emergency telephone number

+44 (0) 191 491 0808 (MON-FRI 08:45-16:45)  
National Emergency Telephone Number  
NHS Direct: 0845 4647 (England and Wales) NHS 24: 08454 24 24 24 (Scotland)

### SECTION 2: HAZARDS IDENTIFICATION

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

Classification (1999/45/EEC) Not classified.  
Human health  
See section 11 for additional information on health hazards.

#### 2.2. Label elements

Risk Phrases	NC	Not classified.
Safety Phrases	NC	Not classified.

#### 2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

Composition Comments  
The data shown are in accordance with the latest EC Directives.

### SECTION 4: FIRST AID MEASURES

#### 4.1. Description of first aid measures

# CHLORINE HR

Inhalation

Unlikely route of exposure as the product does not contain volatile substances.

Skin contact

Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

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

Inhalation

No specific symptoms noted.

Ingestion

No specific symptoms noted.

Skin contact

No specific symptoms noted.

Eye contact

No specific symptoms noted.

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

No specific first aid measures noted.

## **SECTION 5: FIREFIGHTING MEASURES**

### **5.1. Extinguishing media**

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

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

Hazardous combustion products

There are no anticipated hazardous decomposition products associated with this material.

### **5.3. Advice for firefighters**

Special Fire Fighting Procedures

No specific fire fighting procedure given.

## **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**

Not relevant considering the small amounts used.

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

No specific clean-up procedure noted.

### **6.4. Reference to other sections**

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

## **SECTION 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

Observe good chemical hygiene practices.

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

Keep in original container. Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store in a cool place. Store in a dry place.

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

The identified uses for this product are detailed in Section 1.2.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

# CHLORINE HR

Ingredient Comments

WEL = Workplace Exposure Limits

## 8.2. Exposure controls

Protective equipment



Hand protection

No specific hand protection noted, but gloves may still be advisable.

Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

Hygiene measures

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Solid
Colour	White.
Odour	No characteristic odour.

### 9.2. Other information

Not known.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

Not known.

### 10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

### 10.5. Incompatible materials

Materials To Avoid

No specific, or groups of materials are likely to react to produce a hazardous situation.

### 10.6. Hazardous decomposition products

There are no anticipated hazardous decomposition products associated with this material.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Toxicological information

No information available.

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

There are no data on the ecotoxicity of this product. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

# CHLORINE HR

## **12.1. Toxicity**

No data available.

## **12.2. Persistence and degradability**

Degradability

No data available.

## **12.3. Bioaccumulative potential**

Bioaccumulative potential

No data available on bioaccumulation.

## **12.4. Mobility in soil**

Mobility:

The product is soluble in water.

## **12.5. Results of PBT and vPvB assessment**

Not Classified as PBT/vPvB by current EU criteria.

## **12.6. Other adverse effects**

None known.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **13.1. Waste treatment methods**

No specific disposal method required.

## **SECTION 14: TRANSPORT INFORMATION**

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### **14.1. UN number**

Not applicable.

### **14.2. UN proper shipping name**

Not applicable.

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

Transport Labels

No transport warning sign required.

### **14.4. Packing group**

Not applicable.

### **14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant

No.

### **14.6. Special precautions for user**

Not applicable.

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

Not applicable.

## **SECTION 15: REGULATORY INFORMATION**

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

# CHLORINE HR

Water hazard classification

N/A.

## **15.2. Chemical Safety Assessment**

A chemical safety assessment has been carried out.

### **SECTION 16: OTHER INFORMATION**

Issued By	L. Morgan
Revision Date	05/09/2013
Revision	3
Supersedes date	15 November 2012
Safety Data Sheet Status	Approved.
Risk Phrases In Full	
NC	Not classified.

#### 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.