



# SAFETY DATA SHEET

## CHLORODET

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

**1.1 PRODUCT IDENTIFIER:** CHLORODET

#### 1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

**RELEVANT IDENTIFIED USES:** Industrial bleaching agent.

**USES ADVISED AGAINST:** No additional information available.

#### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

**SUPPLIER:** Wickham Industries Limited  
Unit 2, Sherburn Network Centre  
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#### 1.4 EMERGENCY TELEPHONE NUMBER

**EMERGENCY TELEPHONE:** +44(0)1977 682266

### 2. HAZARDS IDENTIFICATION:

#### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

**CLASSIFICATION (1999/45 (CHIP)):** R36/38, R31

**CLASSIFICATION (EC 1272/2008 (CLP)):**

**Physical :** Not classified  
**Health:** Eye Irrit. 2, Skin Irrit 2  
**Environmental:** Not classified

#### 2.2 LABEL ELEMENTS

**LABEL IN ACCORDANCE WITH (EC 1272/2008 (CLP)):**



**SIGNAL WORD:** Warning

**HAZARD STATEMENTS:** H315 Causes skin irritation.  
H319 Causes serious eye irritation.

**PRECAUTIONARY STATEMENTS:** P102 Keep out of reach of children.  
P264 Wash skin thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face 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.  
P501 Dispose of contents/container as hazardous waste.

## CHLORODET

### 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.  
P337/313 If eye irritation persists: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before reuse.

### 2.3 OTHER HAZARDS

EUH031 Contact with acids liberates toxic gas. (Chlorine)

## 3. COMPOSITION/INFORMATION ON INGREDIENTS:

### 3.1 SUBSTANCES

Not applicable.

### 3.2 MIXTURES

INGREDIENT NAME:	EINECS	CAS No.	CONTENT
CHLORONATED TRISODIUM PHOSPHATE	234-307-8	11084-85-8	90-100%
<b>Classification (EC 1272/2008 (CLP))</b>	<b>Classification (67/548 (CHIP))</b>		
Skin Sens. 1 – H315, Eye Dam. 1 – H319, EUH031	Xi: R36/38, R31		

The full text for all R-phrases and H-statements are shown in section 16

### COMPOSITION COMMENTS:

Industrial bleaching agent.

## 4. FIRST AID MEASURES:

### 4.1 DESCRIPTION OF FIRST AID MEASURES

**INHALATION:** Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

**INGESTION:** DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately!

**SKIN:** Remove contaminated clothing. Rinse with water. Contact physician if discomfort continues.

**EYES:** Immediately rinse with water. Continue to rinse for at least 15 minutes. Obtain medical attention.

### 4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

**INHALATION:** May cause irritation to the respiratory system.

**INGESTION:** May lead to the formation of Chlorine gas due to reaction with stomach acid.

**SKIN:** Prolonged or repeated exposure may cause severe irritation.

**EYES:** Irritating to eyes.

Refer to section 4.1

## 5. FIREFIGHTING MEASURES:

### 5.1 EXTINGUISHING MEDIA

Carbon dioxide (CO<sub>2</sub>). foam. Dry chemicals, sand, dolomite etc. Water spray.

### 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

May emit toxic fumes if burnt.

### 5.3 ADVICE FOR FIREFIGHTERS

Wear self-contained breathing apparatus. Keep run-off water out of sewers and water sources.

**6. ACCIDENTAL RELEASE MEASURES:**

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**6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES****6.1.1 FOR NON-EMERGENCY PERSONNEL**

Wear suitable gloves and eye/face protection.

**6.1.2 FOR EMERGENCY RESPONDERS**

Wear suitable gloves and eye/face protection.

**6.2 ENVIRONMENTAL PRECAUTIONS**

Do not allow to enter the surface water drain, sewers, or ground

**6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP**

Wear necessary protective equipment. Sweep up and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. See section 13 for disposal.

**6.4 REFERENCE TO OTHER SECTIONS**

See section 8 for further information on personal protective equipment. See section 13 for disposal.

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**7. HANDLING AND STORAGE:**

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**7.1 PRECAUTIONS FOR SAFE HANDLING**

Avoid spilling, skin and eye contact.

**7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

Keep in cool, dry, ventilated storage and closed containers. General chemical storage.

**7.3 SPECIFIC END USE(S)**

Industrial bleaching agent.

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**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:**

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**8.1 CONTROL PARAMETERS**

INGREDIENT NAME:	CAS No.:	STD:	LT EXP. 8 HRS:	ST EXP. 15 MIN:
-	-	-	-	-

INGREDIENT COMMENTS:

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**8.2 EXPOSURE CONTROLS****8.2.1 Appropriate engineering controls**

**VENTILATION:** Provide sufficient ventilation during operations which cause dust formation.

**8.2.2 Individual protection measures, such as personal protective equipment**

**PROCESS CONDITIONS:** Provide eyewash station.

**RESPIRATORS:** : No specific recommendation made.

**PROTECTIVE GLOVES:** Chemical resistant gloves required for prolonged or repeated contact.

**EYE PROTECTION:** Wear approved chemical safety goggles where eye exposure is reasonably probable.

**HYGIENIC WORK PRACTICES:** Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated.

**8.2.3 Environmental exposure controls**

No additional information available.

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**9. PHYSICAL AND CHEMICAL PROPERTIES:**

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**9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE:</b>	Powder
<b>COLOUR:</b>	White / pink
<b>ODOUR/TASTE:</b>	slight chlorine
<b>SOLUBILITY DESCRIPTION:</b>	Soluble in water.
<b>BOILING POINT (°C, interval):</b>	N/D
<b>MELT./FREEZ. POINT (°C, interval):</b>	60
<b>DENSITY/SPECIFIC GRAVITY (g/ml):</b>	N/D
<b>VAPOUR PRESSURE:</b>	N/A kPa
<b>pH-VALUE, CONC. SOLUTION:</b>	12 in aqueous solution
<b>FLASH POINT (°C):</b>	N/A
<b>AUTO IGNITION TEMP. (°C):</b>	N/A
<b>FLAMMABILITY LIMIT - LOWER(%):</b>	N/A
<b>FLAMMABILITY LIMIT - UPPER(%):</b>	N/A

**9.2 OTHER INFORMATION**

No additional information available.

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**10. STABILITY AND REACTIVITY:**

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**10.1 REACTIVITY**

Contact with acids liberates toxic gas. (Chlorine)

**10.2 CHEMICAL STABILITY**

Stable under normal conditions.

**10.3 POSSIBILITY OF HAZARDOUS REACTIONS**

Refer to section 10.1 on reactivity.

**10.4 CONDITIONS TO AVOID**

Heat.

**10.5 INCOMPATIBLE MATERIALS**

Acids, other toilet cleaners, bleaches.

**10.6 HAZARDOUS DECOMPOSITION PRODUCTS**

Contact with acids liberates toxic gas. (Chlorine)

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**11. TOXICOLOGICAL INFORMATION:**

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**11.1 INFORMATION ON TOXICOLOGICAL EFFECTS**

**HEALTH HAZARDS, GENERAL:** May cause chemical burns.

**INHALATION:** May cause irritation to the respiratory system.

**INGESTION:** May lead to the formation of Chlorine gas due to reaction with stomach acid.

**SKIN:** Prolonged or repeated exposure may cause severe irritation.

**EYES:** Irritating to eyes.

**12. ECOLOGICAL INFORMATION:**

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**12.1 TOXICITY**

Do not allow to enter soil, waterways or sewer.

**12.2 PERSISTENCE AND DEGRADABILITY**

The product is expected to be readily biodegradable.

**12.3 BIOACCUMULATIVE POTENTIAL**

The product is not expected to bioaccumulate

**12.4 MOBILITY IN SOIL**

Soluble in water.

**12.5 RESULTS OF PBT AND vPvB ASSESSMENT**

No additional information available.

**12.6 OTHER ADVERSE EFFECTS**

No other effects known

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**13. DISPOSAL CONSIDERATIONS:**

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**13.1 WASTE TREATMENT METHODS**

Dispose of in accordance with Local Authority requirements. Use a licensed Waste contractor.

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**14. TRANSPORT INFORMATION:**

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**14.1 – 14.7**

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

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**15. REGULATORY INFORMATION:**

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**15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations. Chemicals (Hazard Information & Packaging) Regulations (CHIP). European Regulation (EC) No 1907/2006 Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). European Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (CLP), adopting in the EU the Globally Harmonised System (GHS).

**GUIDANCE NOTES:** Occupational Exposure Limits EH40.

**15.2 CHEMICAL SAFETY ASSESSMENT**

Not required.

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**16. OTHER INFORMATION:**

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<b>REVISION DATE:</b>	27/07/14
<b>REV. No./REPL. SDS GENERATED:</b>	3
<b>SDS No.:</b>	019

<b>R-PHRASES (Full Text)</b>	R-36/38 Irritating to eyes and skin. R-31 Contact with acids liberates toxic gas.
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<b>H-STATEMENTS (Full Text)</b>	H315 Causes skin irritation. H319 Causes serious eye irritation.
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**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 as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use.