

SAFETY DATA SHEET

According to 1907/2006/EC, article 31 (REACH) and according to 1272/2008/EC (CLP)

PCMC based preservative solution

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME	CONC solution
DISTRIBUTOR	Ratermann Manufacturing, Inc. 601 Pinnacle Place Livermore, CA 94550 925-606-2949 phone 925-606-2945 fax
EMERGENCY TELEPHONE	+44 1792 796393 (office hours only)

2 HAZARDS IDENTIFICATION

This mixture is used as a bactericide.

LABELLING NONE

CLASSIFICATION

Chlorocresol is classified as:

acute toxicity oral	category 4
acute toxicity dermal	category 4
skin sensitisation	category 1
eye damage	category 1
Aquatic toxicity	acute category 1 (M-factor = 1)

Notes:

1. The chlorocresol concentration in this mixture is below the 1% threshold, and thus the presence of this substance does not contribute to the classification of the mixture as a whole.
2. Special attention should be given to individuals who are already sensitised to chlorocresol, since for those individuals the threshold is 0.1%.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC-No	CAS-No	Content	Classification
chlorocresol	200-431-6	59-50-7	0.08-0.12%	none (concentration below 1%)
polyethylene glycol 200	500-038-2	25322-68-3	19-21%	
water				

The Full Text for all H-statements are Displayed in Section 16
COMPOSITION COMMENTSThe Data shown are in accordance with the latest EC Directives.

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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 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.

4 FIRST AID MEASURES

GENERAL

GENERAL

Remove soiled or soaked clothing.

INGESTION

Rinse mouth thoroughly with water.

Seek medical advice.

SKIN CONTACT

In case of contact with skin wash off with water.

Special attention should be given to individuals who are already sensitised to chlorocresol.

EYE CONTACT

Rinse immediately with gently running water for several minutes. Take out contact lenses.

5 FIRE-FIGHTING MEASURES

GENERAL

The product is a non-flammable aqueous solution

SPECIAL FIRE FIGHTING PROCEDURES

Prevent product from entering the sewer system.

UNUSUAL FIRE & EXPLOSION HAZARDS

None.

SPECIFIC HAZARDS

By fire toxic gases may be formed (CO_x).

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

See section 8.

ENVIRONMENTAL PRECAUTIONS

Take precautionary measures against discharges into the environment.

SPILL CLEAN UP METHODS

Collect spilled material with absorbent material, then place into a suitable closed container for disposal as chemical waste.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid contact with eyes or skin.

Wash thoroughly after handling and before eating, drinking or smoking.

STORAGE PRECAUTIONS

To protect product quality, store in sealed container in a cool, dry and well-ventilated place (15-25 °C) and out of direct sunlight.

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REVISION DATE: 02.05.2014

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE
LIMITS None
listed.

PROTECTIVE EQUIPMENT
Protective gloves, safety goggles and protective clothing.

RESPIRATORY
EQUIPMENT None.

HAND PROTECTION
Protective gloves: Use chemical resistant gloves classified under Standard EN374, class 5.

EYE PROTECTION
Wear approved safety goggles.

HYGIENE MEASURES
Wash at the end of each work shift and before eating, drinking, smoking or using the toilet.

SKIN PROTECTION
Wear protective
clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	viscous and clear liquid
COLOUR	slightly yellow
ODOUR	characteristic
DENSITY	1 kg/dm ³
SOLUBILITY in water	freely miscible (pH is alkaline)
SOLUBILITY in oils	freely miscible

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions and recommended use.

CONDITIONS TO
AVOID Heat

HAZARDOUS DECOMPOSITION PRODUCTS
By fire toxic gases (CO_x), hydrogen chloride and/or other chlorine compounds may be formed.

11 TOXICOLOGICAL INFORMATION

INGESTION
May be irritant to the digestive track.

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SKIN CONTACT

May causes sensitisation.

EYE CONTACT

May causes irritation to eyes.

12 ECOLOGICAL INFORMATION

GENERAL

Take precautionary measures against discharges into the environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of in accordance with local and national regulations.

14 TRANSPORT INFORMATION

GENERAL

The mixture is not covered by international regulations on the transport of dangerous goods.

15 REGULATORY INFORMATION

LABELLING	None
CONTAINS	chlorocresol (< 1%)
HAZARD STATEMENTS (according to CLP)	None
RISK PHRASES (according to DPD)	None
PRECAUTIONARY STATEMENTS (CLP)	None
SAFETY PHRASES (DPD)	None

EU DIRECTIVES AND REGULATIONS

The REACH Regulation 1907/2006/EC
The CLP Regulation 1272/2008/EC
The DPD Directive 1999/45/EC

16 OTHER INFORMATION

ISSUED BY	HSEQ Manager
REVISION DATE:	29.06.15
HAZARD STATEMENTS	None

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