

# Mercaptazine

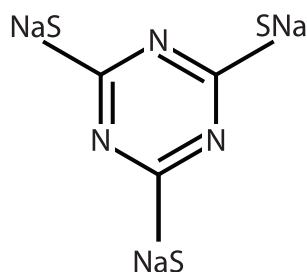
Precipitation of heavy metals

## Product Data Sheet - Mercaptazine

### Product Specification

Trimercapto-s-triazine, trisodium salt

Appearance	Pale yellow/green solution
Odour	Slight smell
Concentration	5-25% w/v
Density	1.01-1.15 g/cm <sup>3</sup>
pH	•12
Viscosity	•15cp
Melting point	from -3 to -1 °C



### Applications

Mercaptazine is an aqueous solution of Trimercapto-s-triazine trisodium salt. It is a chelating compound and will form stable complex precipitates with monovalent and bivalent metal ions. The main application for Mercaptazine is in the removal of heavy metals such as copper, nickel, zinc, lead etc from wastewater. It can be used in conjunction with coagulants and flocculants, such as Flocculan™ and the Lanfloc range.

Typically Mercaptazine can be used on sites that include:

- Electroplaters
- Power Stations
- Printing and dyeing
- Mining
- Sludge and waste incineration

## Key Features

- Low acute toxicity to land and marine creatures
- Forms stable compounds with heavy metals
- Easy to dose
- Complimentary to traditional coagulation and flocculation
- Non hazardous making handling and transport straightforward

## Handling and Storage

Mercaptazine is a non hazardous chemical however the normal precautions should be taken, ie. gloves, safety glasses etc should be worn. Contact should be avoided with the eyes or skin. The products should be stored in a cool well ventilated area away from oxidants or acids. Care should be taken to avoid freezing.

Mercaptazine has a shelf life of up to 2 years.

Lansdowne Aquatec markets this product range in 25 litre carboys, 200 litre drums and 1000 litre IBC's.

[www.lansdowneaquatec.com](http://www.lansdowneaquatec.com)



### Lansdowne Aquatec

Winstons House, Carterton, Oxfordshire OX18 3EZ United Kingdom

Tel +44 (0) 1993 843081 Fax+44 (0) 1993 841261

Website : [www.lansdowneaquatec.com](http://www.lansdowneaquatec.com)

Email : [enquiries@lansdownechemicals.com](mailto:enquiries@lansdownechemicals.com)