

# Hexamine

## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product name: Hexamine  
CAS Number: 100-97-0  
EC Number: 202-905-8

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

Identified use: Industrial & for professional use only

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

**Company name:** East Harbour Group Ltd  
20 Clough Road, Severalls Industrial Park  
Colchester, Essex, CO4 9QS  
United Kingdom

**Telephone:** +44 (0) 333 242 0100  
**Email:** [info@eastharbourgroup.com](mailto:info@eastharbourgroup.com)

### 1.4 Emergency telephone number

**Emergency telephone:** 0800 246 1274

## Section 2: Hazardous identification

### 2.1 Classification of the substance or mixture

H228 – Flammable solid

H317 – May cause an allergic skin reaction

### 2.2 Label elements



### 2.3 Other hazards

P210 – Keep away from heat/sparks/open flames/hot surfaces – No smoking

P280 – Wear protective gloves/protective clothing/eye protection/face protection

# Hexamine

## Section 3: Composition/information on ingredients

### 3.2 Mixtures

CAS #	Content (W/W)	Ingredients
100-97-0	-	Hexamine Extra Pure

Chemical name: Hexamine

Common name / synonyms: -

## Section 4: First aid measures

### 4.1 Description of first aid measures

In case of skin contact: Wash with plenty of soap and water. Get immediate medical advice/attention. Wash contaminated clothing before reuse.

In case of eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention/advice.

If swallowed: Rinse mouth. Get medical attention/advice.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

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

May cause an allergic skin reaction.

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

No information available

## Section 5: Fire-fighting measures

### 5.1 Fire Fighting Media and Instructions:

Suitable extinguishing media: Water spray. Foam. Dry powder. Carbon dioxide.

Unsuitable extinguishing media: Do not use heavy water stream.

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

Flammable solid. May form flammable/explosive vapour air mixture.

### 5.3 Advice for firefighters

Do not attempt to take action without suitable protective equipment.

# Hexamine

## Section 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking. Evacuate unnecessary personnel. Use personal protective equipment as required. Ventilate the area.

### 6.2 Environmental precautions

Avoid release to the environment.

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

Collect spillage. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers.

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

No naked lights. No smoking. Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour.

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

Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment.

## Section 8: Exposure controls/personal protection

### 8.1 Control parameters

No information available

### 8.2 Exposure controls

No information available

### 8.3 Personal protective equipment

Eye/face protection: Chemical goggles or safety glasses

Skin protection: Wear suitable protective clothing.

Respiratory protection: Wear suitable respiratory protection.

# Hexamine

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	White crystalline
<b>Physical State</b>	Solid
<b>Odor</b>	Odourless
<b>Odor Threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting Point/Range</b>	280 C
<b>Boiling Point/Range</b>	No information available
<b>Flash Point</b>	250 C
<b>Evaporation Rate</b>	No information available
<b>Flammability (solid, gas)</b>	Flammable solid
<b>Explosion Limits</b>	No information available
<b>Vapor Pressure</b>	< 0.01 hPa at 20 C
<b>Vapor Density</b>	4.9
<b>Specific Gravity / Density</b>	No information available
<b>Bulk Density</b>	No information available
<b>Water Solubility</b>	Soluble in water
<b>Solubility in other solvents</b>	No information available
<b>Partition Coefficient</b>	No information available
<b>Auto-ignition temperature</b>	410 C
<b>Decomposition temperature</b>	No information available

## Section 10: Stability and Reactivity

<b>10.1 Reactivity</b>	No information available
<b>10.2 Chemical Stability</b>	Flammable solid. May form flammable/explosive vapour-air mixture
<b>10.3 Possibility of hazardous reactions</b>	No information available
<b>10.4 Conditions to avoid</b>	Open flame. Overheating. Direct sunlight. Heat. Sparks.
<b>10.5 Incompatible materials</b>	No information available
<b>10.6 Hazardous decomposition products</b>	May release flammable gases

## Section 11: Toxicological Information

Respiratory or skin sensitisation: May cause an allergic skin reaction.

# Hexamine

## Section 12: Ecological Information

### 12.1 Toxicity

#### Ecotoxicity effects

No information available

## Section 13: Disposal considerations

### 13.1 Waste treatment methods

#### Waste disposal of substance:

Dispose of contents/container to local recommendations.

## Section 14: Transport Information

UN-No (ADR): 1328 – transport hazard class/danger labels: 4.1 / packing group III

UN-No (IMDG): 1328 / packing group III

UN-No (IATA): 1328 / packing group III

UN-No (ADN): Not regulated

UN-No (RID): Not regulated

#### Overland Transport

Classification code (ADR): F1

Limited quantities (ADR): 5kg

Excepted quantities (ADR): E1

Packing instructions (ADR): P002, IBC08, R001

Special packing provisions (ADR): B3

Mixed packing provisions (ADR): MP10

Portable tank and bulk container instructions (ADR): T1

Portable tank and bulk container special provisions (ADR): TP33

Tank code (ADR): SGAV

Vehicle for tank carriage: AT

Transport category (ADR): 3

Special provisions for carriage – bulk (ADR): VC1, VC2

Hazard identification number (Kelmer No.): 40

Tunnel restriction code (ADR): E

EAC code: 1Z

#### Transport by sea

Limited quantities (IMDG): 5kg

Excepted quantities (IMDG): E1

Packing instructions (IMDG): P002

IBC packing instructions (IMDG): IBC08

# Hexamine

IBC special provisions (IMDG): B3  
Tank instructions (IMDG): T1  
Tank special provisions (IMDG): TP33  
EmS-No. (Fire): F-A  
EmS-No. (Spillage): S-G  
Stowage category (IMDG): A  
MFAG-No: 133

## Air transport

PCA Excepted quantities (IATA): E1  
PCA Limited quantities (IATA): Y443  
PCA limited quantities max net quantity (IATA): 10kg  
PCA packing instructions (IATA): 446  
PCA max net quantity (IATA): 25kg  
CAO packing instructions (IATA): 449  
CAO max net quantity (IATA): 100kg  
ERG code (IATA): 3L

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

## Section 15: Regulatory Information

### Germany

AwSV/VwVwS Annex reference : Water hazard class (WGK) 1, slightly hazardous to water (Classification according to VwVwS, Annex 2; WGK No 1568) 12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

### Denmark

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

No REACH Annex XVII restrictions