

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 Miranda House, The Quay Harwich, Essex, CO12 3HH United Kingdom
Telephone:	+44 (0) 333 242 0100
Email:	info@eastharbourgroup.com

1.4 Emergency telephone number

Emergency telephone:	0800 246 1274
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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



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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.



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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 founding 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.

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Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

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

Section 10: Stability and Reactivity

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

Section 11: Toxicological Information

Respiratory or skin sensitisation: May cause an allergic skin reaction



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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 (AND): 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



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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