



MERCHEM LIMITED

SAFETY DATA SHEET

MERCURE AHB
MSDS No. 27/20.03.2015

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name	Mercure AHB
Synonym	Heptaldehyde – Aniline reaction product Hepteen base

1.2 Use of the Substance/Mixture

Identified uses	Chemical Intermediate
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1.3 Manufacturer or supplier's details

Company/Undertaking identification address	Merchem Limited Grove Centre, 44- Development Plot, Kalamassery, Cochin – 683 109, Kerala, India
Telephone	+ 91-484-4089300
Telefax	+ 91-484-4089310
Email	mail@merchem.com

1.4 Emergency Telephone Number

Emergency Telephone Number	+ 91-484-4089300
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SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to EU directives 67/548/EEC or 1999/45/EC

R45

REGULATION (EC) No. 1272/2008 Classification of the substance or mixture :

Carc.1A, 1B

EC Number: 500-007-3

Annex 1 Index Number: Not available

2.2 Label elements

Product Name: Mercure AHB

Hazard pictograms





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Signal Word

Danger

Hazardous Statements

H350 - May cause cancer

Precautionary statement – Prevention

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood

Precautionary statement – Response

P308 + P313 IF exposed or concerned: Get medical advice/attention.

Precautionary statement – Storage

P405 - Store locked up

Precautionary statement – disposal **2.3 Other hazards**

- P501 - Dispose of contents/container to an approved incineration plant

No data available

Note : For the full text of the R phrases, S phrases, and symbols mentioned in this Section, see Section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Chemical description:

Heptaldehyde – Aniline reaction product (Active ingredient)

Composition/Information on ingredients

Chemical Name	CAS No.	EC No.	Annex-1 Index No.	Weight %
Heptaldehyde – Aniline reaction product	9003-50-3	500-007-3	Not available	>90
Heavy Naphthenic Oil	64742-52-5	265-155-0	Not available	<10

SECTION 4: FIRST AID MEASURES

General Advice

If symptoms persist, call a physician. Show this material safety data sheet to the doctor in attendance. Treat symptomatically. Use of alcoholic beverages may enhance toxic effects. In case of allergic reaction after exposure, any future exposure must be avoided



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Ingestion	Do not induce vomiting. Rinse mouth with water. Obtain medical attention.
Inhalation	Remove to fresh air. Obtain medical attention if symptoms persist.
Skin contact	Wash skin with soap and water.
Eye contact	Flush eyes thoroughly with water for several minutes. Obtain medical attention if discomfort persists.

4.2 Most important symptoms and effects, both acute and delayed

The known symptoms and effects are described in the labelling (see section 2.2)

4.3 Indication of immediate medical attention and special treatment needed

No data available

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media Alcohol-type foam , CO2 , dry chemical , water spray

Extinguishing media which must not be used for safety reasons

Water jets.

5.2 Specific hazards arising from the substance or mixture

Specific hazards

Heating can release hazardous gases:
Oxides of Carbon and Nitrogen

Specific methods

Cool containers / tanks with water spray
Keep product and empty container away from heat and sources of ignition .

5.3 Protective Equipment and Precautions for Firefighters

Wear full protective clothing and self-contained breathing apparatus

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing
Evacuate personnel to safe areas
Keep people away from and upwind of spill/leak
Wear respiratory protection
Wear suitable protective clothing, gloves and eye/face protection



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6.2 Environmental precautions

Prevent from entering sewer system, surface water or soil.

6.3 Methods and materials for containment and cleaning up

Small spills

Absorb on inert material such as sand, earth, vermiculite.

Large spills

Dike to contain spill.

Pump excess material into suitable container (metal drums, metal tank, or such).

6.4 Reference to other sections

See section 7,8 &13

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin, eyes and clothing

Wear personal protective equipment

Do not breathe vapours/dust

7.2 Conditions for safe storage, including any incompatibilities

Keep in a dry, cool place

7.3 Specific end uses

No further relevant information available.

SECTION 8: EXPOSURE CONTROL/PERSONNEL PROTECTION

8.1 Control parameters

Occupational exposure limit values

No other exposure limit s have been established

8.2 Exposure controls

Engineering Controls

Ensure good ventilation and Local exhaustion of the working area .

Personal Protective Equipment

Eye/face Protection

Tightly fitting safety goggles or Face-shield

Skin Protection

Wear suitable protective clothing/equipment

Respiratory protection

May be needed if product is used in a confined or poorly ventilated area.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Color	Reddish brown
Odor	Characteristic
Boiling point	Not available
Melting point	Not applicable
Specific gravity	0.90
Solubility in water	Insoluble
Solubility in organic solvents	Miscible with organic solvents
Flash point	165 °C
Autoignition temperature	Not available

9.2 Other information

No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

See Incompatible Materials

10.2 Chemical Stability

Stable under recommended storage and handling conditions (See section 7)

10.3 Possibility of hazardous reactions

See Incompatible Materials

10.4 Conditions to Avoid

Strong oxidizing agents.

10.5 Incompatible materials to avoid

Strong Oxidizing agents

10.6 Hazardous Decomposition Products

Oxides of carbon.
Oxides of nitrogen.

SECTION 11: TOXICOLOGICAL INFORMATION

No information available

SECTION 12: ECOLOGICAL INFORMATION

No information available



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SECTION 13: DISPOSAL CONSIDERATIONS

General Avoid discharge to sewers and natural waters. Incinerate in a furnace where permitted under national and local regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 Road transport (ADR/RID/ADN)

This product is not regulated by ADR.

14.2 Sea transport (IMDG)

This product is not regulated by IMDG.

14.3 Air transport (ICAO-TI/IATA)

This product is not regulated by ICAO.

14.4 Other information

No data available

14.5 Environmental hazards

Information on environmental hazards, pls. see 14.1 - 14.3.

14.6 Special precautions for user

No data available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation 1907/2006 REGULATION (EC) No 1272/2008

Classification according to EU directives 67/548/EEC or 1999/45/EC

EC classification

Not classified as dangerous under the requirements of the Dangerous Substances Directive or the Dangerous Preparations Directive.

Contains heavy naphthenic Oil

The product is listed in the following inventories:

Canada: This product is on the DSL.

Europe: This product is on the EINECS/NLP inventory.

United States: This product is on the TSCA inventory.

Australia: This product is on the AICS inventory



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15.2 Chemical Safety Assessment

No data available

SECTION 16: OTHER INFORMATION

Issue No.	2
Issue date	20.03.2015
Revision No.	0
Reason for revision	Reviewed & revamped based on the guide lines of Regulation (EC) No 1907/2006)

List of relevant R(isk)-phrase(s)

R45 May cause cancer.

Training advice

Provide adequate information, instruction and training to operators.

Further information for the material safety data sheet

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The 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, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.

End of Material Safety Data Sheet



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