



Lindchem Limited
29 North River Road
Great Yarmouth, Norfolk
NR30 1SH. United Kingdom
T: 01493 332286 F: 01493 330909

MATERIAL SAFETY DATA SHEET

BENZALDEHYDE

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Name: BENZALDEHYDE

Company: Lindchem Limited
29 North River Road
Great Yarmouth, Norfolk
NR30 1SH. United Kingdom

Telephone: +44 (0) 1493 332286
Fax: +44 (0) 1493 330909

Emergency telephone number of the company: +44 (0) 1493 332286
Competent person responsible for the safety data sheet: sales@lindchem.co.uk

2. HAZARDS IDENTIFICATION

Properties / Symbols: Xn Harmful
R Phrases: R22 Harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characteristic: Benzene carbossaldehyde
Botanical characteristic: NA
CAS number: 100-52-7
EC number: 202-860-4
FEMA: 2127
Chemical formula: C₇H₆O
CoE: 101

4. FIRST AID MEASURES

Contact with skin:

Immediately take off all contaminated clothing. Areas of the body that have, or are even suspected of having come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.



Contact with eyes:

Wash immediately with water for at least 10 minutes.

Swallowing:

Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet. A suspension of activated charcoal in water, or liquid paraffin may be administered.

Inhalation:

Ventilate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in a well ventilated area. Should the patient feel unwell, obtain medical attention.

5. FIRE-FIGHTING MEASURES

Recommended extinguishers:

Water, CO₂, Foam, Chemical powders, according to the materials involved in the fire.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

Avoid inhaling the fumes.

Protective equipment:

Use protection for the respiratory tract.

6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:

Use gloves and protective clothing.

Environmental measures:

Limit leakages with earth or sand. If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods:

If the product is in a liquid form, stop it from entering the drainage system. Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material. After the product has been recovered, rinse the area and materials involved with water.



7. HANDLING AND STORAGE

Handling precautions:

Avoid contact and inhalation of the vapours. See also paragraph 8 below. Do not eat or drink while working.

Incompatible materials:

None in particular.

Storage conditions:

Instructions as regards storage premises; adequately ventilated premises.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled.

Respiratory protection:

Not needed for normal use.

Protection for hands:

Use protective gloves that provide comprehensive protection, e.g. P.V.C., neoprene or rubber.

Eye protection:

Not needed for normal use.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Exposure limit(s) (ACGIH):

None.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	LIQUID
Colour:	COLOURLESS-PALE YELLOW
Odour:	CHARACTERISTIC
Melting point:	N.A.
Boiling point:	N.A.
Flash point:	64.00°C
Specific gravity at 20°C:	1.045
Refractive index at 20°C:	1.545
Solubility:	H ₂ O INSOLUBLE, BUT SOLUBLE ORGANIC SOLVENT



10. STABILITY AND REACTIVITY

Conditions to avoid:

Stable under normal conditions.

Substances to avoid:

None in particular.

Hazardous decomposition products:

None.

11. TOXICOLOGICAL INFORMATION

The product does not contain toxicologically relevant substances.

12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.

13. DISPOSAL CONSIDERATIONS

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

ADR-UN Number: 1990
ADR-Class: 9
ADR-Shipping Name: BENZALDEHYDE
ADR-Packing Group: III

IATA-UN Number: 1990
IATA-Class: 9
IATA-Shipping Name: BENZALDEHYDE
IATA-Packing group: III

IMDG-UN Number: 1990
IMDG-Class: 9
IMDG-Shipping Name: BENZALDEHYDE
IMDG-Packing group: III



15. REGULATORY INFORMATION

Council Directive 67/548/EEC (Classification, packaging and labelling of dangerous substances) and subsequent amendments.

Commission Directive 1999/45/EC (Classification, packaging and labelling of dangerous preparation) and subsequent amendments.

Commission Directive 98/24/EC (Protection of the health and safety of workers from the risk related to chemical agent).

Commission Directive 000/39/EC (Occupational exposure limit values).

Regulation (EC) No 1907/2006 (REACH).

Symbols:	Xn Harmful
R Phrases:	R22 Harmful if swallowed.
S Phrases:	S24 Avoid contact with skin.

Where applicable, refer to the following regulatory provisions:

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.
1999/13/EC (VOC directive)

16. OTHER INFORMATION

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,
Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eighth Edition - Van
Nostrand Reinold

ACGIH - Threshold Limit Values - 2004 edition

IMPORTANT NOTICE

The information hereon is reliable to the best of our knowledge. However, the recommendations or suggestions hereon shall not be construed as a warranty or representation as to the results, safety and efficacy. Users should always make their own evaluations and tests suitable for their particular needs. We cannot be held liable for any loss or damage arising from the use of the information hereon.