



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : L 30625
Product Name : LEAD BROMIDE

Manufacturer / supplier identification

Company : NICE Chemicals (P) Ltd. , Cochin , India
Tel - 0484 2800212 , 2802755

Contact For Information : Tel . No. – 0484 2802536 Fax : 0484 2802483

Emergency Telephone No. : 0484 2801583 Telefax No. : 0484 2802483

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS-No : 10031-22-8 EC Index No. : 082-001-00-6

Molar mass : 367.01

Molecular Formula : Br₂ Pb EC –No. : 233-084-4

3. HAZARDS IDENTIFICATION : May cause harm to the unborn child. Possible risk of impaired fertility. Also harmful by inhalation and if swallowed. Danger of cumulative effects.

Restricted to professional users. Attention-Avoid exposure-obtain special instructions before use.

4. FIRST AID MEASURES : After skin contact: wash off with plenty of water. Dab with polyethylene glycol 400. Immediately remove contaminated clothing.

After eye contact : rinse out with plenty of water for at least 10 minutes with the eyelid held wide open. Immediately summon eye specialist.



SAFETY DATA SHEET

Catalogue No. : **L 30625**
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After inhalation: fresh air. If necessary , apply mouth-to-mouth resuscitation or mechanical ventilation.

After swallowing : make victim drink plenty of water, induce Vomiting. Summon doctor.

5. FIRE – FIGHTING MEASURES: Suitable extinguishing media : .

In adaption to materials stored in the immediate neighbourhood.

Special risks : Development of hazardous combustion gases or vapours possible in the event of fire.

The following may develop in event of fire:

Hydrogen bromide, metal fumes.

Special protective equipment for fire fighting:

Do not stay in dangerous zone without self-contained breathing Apparatus.

Other information:

Non-combustible.

Prevent fire-fighting water from entering surface water or ground water.

6. ACCIDENTAL RELEASE MEASURES: Person related precautionary measures:

Avoid generation of dusts: do not inhale dusts. Avoid substance contact.

Environmental –protection measures:

Do not allow to enter sewerage system.

Procedures for cleaning/absorption:

Carefully take up dry. Avoid generation of dusts. Clean up affected area.



SAFETY DATA SHEET

Catalogue No. : **L 30625**
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7. HANDLING AND STORAGE: Handling : No further requirements.
Storage : tightly closed in a well- ventilated place.Accessible
only for authorised persons.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection : required when dusts are generated.

Eye protection : required

Hand protection : required

Industrial hygiene : Immediate change contaminated clothing.

Apply skin-protective barrier cream. Wash hands after working with
substance. Under no circumstances eat or drink at workplace. Work

Under hood. Do not inhale substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Powder
Colour	:	White
Odour	:	-----
PH value	:	Not available
Melting temperature	:	372-374 o C
Boiling temperature	:	Not available
Ignition temperature	:	Not available
Flash point	:	Not available
Explosion limits lower	:	Not available



SAFETY DATA SHEET

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Upper : Not available
Relative vapour density : Not available
Density : Not available
Bulk density : -----
Solubility in water(20°C) : 5 g/l
Ethanol (20 °C) : Insoluble

10. STABILITY AND REACTIVITY : Conditions to be avoided : No information available.

Substance to be avoided : No information available.

Hazardous decomposition products :

No information available.

Further information : Light-sensitive

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Quantitative data on the toxicity of this product are not Available.

Sub acute to chronic toxicity : The information available to us suggests that the risk of an embryotoxic effect must be considered probable. Pregnant women should not be exposed to the product.

Further toxicological information:

After inhalation : harmful.

After swallowing : harmful.

The following applies to lead compounds in general: Due to the poor absorbability via the gastrointestinal tract, only very high doses lead to acute cases of intoxication.



SAFETY DATA SHEET

Catalogue No. : **L 30625**
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After a latency period of several hours, metallic taste, nausea, vomiting, and colics occur, in many instances followed by shock. Chronic uptake causes peripheral muscular weakness (“drop-wrist”), and central-nervous disorders. Women of child-bearing age should not be exposed to the substance over longer periods of time (observe critical threshold).

Further data: Further hazardous properties cannot be excluded

The product should be handled with the care usual when dealing
With chemicals.

12. ECOLOGICAL INFORMATION: Ecotoxic effects:

Quantitative data on the ecological effect of this product are not available.

Further ecologic data:

Do not allow to enter waters, waste water, or soil.

13. DISPOSAL METHOD

There are no uniform EC regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

Disposal in compliance with official Regulations. Handle contaminated packaging as in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled



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14. TRANSPORT INFORMATION

Transport over land ADR/RID and GGVS/GGVE

GGVS/GGVE class : 6.1 Number and letter : 62c

ADR/RID class : 6.1 Number and letter : 62c

Name of materia : 2291

BLEIVERBINDUNG,LOESLICH,N.A.G.(BLEI(11)BROMID)

River transport ADN /ADNR

Not examined

Sea transport IMDG

IMDG class : 6.1 UN-No.: 2291 Packaging group: 111

EMS : 6.1-04 MFAG : 110, 4.3

Correct technical name : LEAD COMPOUND,SOLUBLE, N.O.S.- MARINE

POLLUTANT

Air transport ICAO-TI and IATA-DGR

ICAO/IATA class: 6.1 UN/ID-No.: 2291 Packaging group : 111

Correct technical name : LEAD COMPOUND,SOLUBLE,N.O.S.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : T Toxic

R- Phrases : 61-62-20/22-33 May cause harm to the unborn child.
Possible risk of impaired fertility.Also
harmful by inhalation and if swallowed.
Danger of cumulative effects.

S-phrases : 53-45 Avoidexposur-obtain special instructions
Before use. In case of accident or if you
Feel unwell,seek medical advice
imediately(show the label where
possible).



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EC-No.: 233-084-4 EC label
German regulations:
Water pollution class : 2 (polluting substance) (provisional classification)

16. OTHER INFORMATION

Reason for alteration :

Change in labelling. Change in water pollution class.

The information contained here in is based on the present state of our knowledge.

It characterizes the product with regard to the appropriate safety precautions.

It doesnot represent a guarantee of the properties of the product.
