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ReAgent

SAFETY DATA SHEET LEAD ACETATE 3- HYDRATE AR

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

PRODUCT NAME	LEAD ACETATE 3- HYDRATE AR
PRODUCT NO.	2337
APPLICATION	General chemical reagent
SUPPLIER	Reagent Chemical Services 18 Aston Fields Road Whitehouse Industrial Estate Runcorn Cheshire WA7 3DL T: 01928 716903 F: 01928 716425 E: info@reagent.co.uk

2 HAZARDS IDENTIFICATION

Danger of cumulative effects. Harmful: danger of serious damage to health by prolonged exposure if swallowed. May cause harm to the unborn child. Possible risk of impaired fertility. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Rep 1;R61. Xn;R48/22. Rep 3;R62. N;R50/53. R33.

3 COMPOSITION/INFORMATION ON INGREDIENTS

EU INDEX NO.	082-005-00-8
EC No.	206-104-4
CAS-No.	6080-56-4

4 FIRST-AID MEASURES

INHALATION

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention.

INGESTION

Immediately rinse mouth and drink plenty of water. Get medical attention immediately!

SKIN CONTACT

Immediately remove contaminated clothing. Wash the skin immediately with soap and water. In serious cases obtain medical attention.

EYE CONTACT

Promptly wash eyes with plenty of water or eye wash solution while lifting the eyelids. If possible remove any contact lenses and continue to wash. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Water spray, foam or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES

Keep run-off water out of sewers and water sources. Dike for water control.

SPECIFIC HAZARDS

In cases of fire, toxic fumes may be formed.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

LEAD ACETATE 3- HYDRATE AR

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter sewers

SPILL CLEAN UP METHODS

Avoid dust formation. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place.

STORAGE CLASS

Toxic storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
LEAD ACETATE 3- HYDRATE AR	OES		0.15 (as Pb) mg/m3			

ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded.

RESPIRATORY EQUIPMENT

In case of inadequate ventilation use suitable respirator.

HAND PROTECTION

Wear protective gloves. Nitrile.

EYE PROTECTION

Wear safety glasses. Use tight fitting goggles if dust is generated.

OTHER PROTECTION

Wear suitable protective clothing as protection against splashing or contamination. Provide eyewash station and safety shower.

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid		
COLOUR	Colourless to white.		
ODOUR	Weakly acetic acid.		
BOILING POINT (°C)	Decomposes.	MELTING POINT (°C)	75
RELATIVE DENSITY	2.57	pH-VALUE, DILUTED SOLUTION	about 6.5
SOLUBILITY VALUE (g/100g H ₂ O@20°C)	44.3 @ 20°C		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

MATERIALS TO AVOID

Strong acids.

11 TOXICOLOGICAL INFORMATION

GENERAL INFORMATION

Lead and lead compounds are cumulative poisons. Exposure may result in mental and central nervous system disorders, anaemia and peripheral muscular weakness.

INHALATION

Irritating to respiratory system.

LEAD ACETATE 3- HYDRATE AR

EYE CONTACT

Irritating to eyes.

HEALTH WARNINGS

Found to cause cancer in laboratory animals.

OTHER HEALTH EFFECTS

Toxic to Reproductive Health Categ. 1. Toxic to Reproductive Health Categ. 3. Pregnant women should not be exposed to this product. Women of child bearing age should not be exposed to this product over extended periods.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION



UK ROAD CLASS	6.1		
PROPER SHIPPING NAME	LEAD ACETATE		
UN NO. ROAD	1616	UK ROAD PACK GR.	III
ADR CLASS NO.	6.1	ADR CLASS	Class 6.1: Toxic substances.
ADR PACK GROUP	III	ADR LABEL NO.	6.1
HAZCHEM CODE	ZZ	CEFIC TEC(R) NO.	61GT5-III
RID CLASS NO.	6.1	RID PACK GROUP	III
UN NO. SEA	1616	IMDG CLASS	6.1
IMDG PAGE NO.	6.1	IMDG PACK GR.	III
EMS	F-A, S-A	MFAG	See Guide
MARINE POLLUTANT		UN NO. AIR	1616



AIR CLASS	6.1	AIR PACK GR.	III
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15 REGULATORY INFORMATION

LABELLING



Toxic



Dangerous for the environment

RISK PHRASES

R61	May cause harm to the unborn child.
R62	Possible risk of impaired fertility.
R48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed.
R33	Danger of cumulative effects.

LEAD ACETATE 3- HYDRATE AR

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S53 Avoid exposure - obtain special instructions before use.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S60 This material and its container must be disposed of as hazardous waste.
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.
P11 Restricted to professional users.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. COSHH essentials: Easy steps to control chemicals. Control of Substances Hazardous to Health Regulations.

GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

NATIONAL REGULATIONS

Control of Substances Hazardous to Health Regulations 2002 (as amended)

16 OTHER INFORMATION

REVISION COMMENTS

This is first issue.

REVISION DATE August 2004

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