

MATERIAL SAFETY DATA SHEET

LEAD CLEANER



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Issued: 22/10/2009 Version: 1

1. IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER DETAILS

Product Name: LEAD CLEANER

Company Name: MIDLAND LEAD MANUFACTURERS LTD.

KILN WAY, WOODVILLE, SWADLINCOTE

DERBYSHIRE DE11 8ED

UNITED KINGDOM

TEL: +44 (0) 1283 224555 FAX: +44 (0) 1283 200568

2. COMPOSITION / INFORMATION OF INGREDIENTS

Hazardous ACETIC ACID <10%

EINEC: 200-580-7

[C] R34; [Xi] R37

3. HAZARDS IDENTIFICATION

Other hazards: Irritating to eyes and skin.

4. FIRST AID MEASURES

As with all the below, seek medical attention if problems persist.

SKIN CONTACT: Remove all contaminated clothing and wash affected area with plenty of soap and water.

EYE CONTACT: Irrigate immediately with clean water for 15 minutes and obtain medical attention.

INGESTION: Wash out mouth with water. Do not induce vomiting. Drink half a litre of water.

INHALATION: Remove person to fresh air. If discomfort persists seek medical advice.

5. FIRE-FIGHTING MEASURES

Extinguishing media: All standard methods.

Exposed hazards: In combustion emits toxic fumes.

Protective equipment: Wear self-contained breathing apparatus and wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection: Mark out the contaminated area with signs and prevent access to unauthorised people.

Do not take any action without impervious gloves, goggles, overalls and boots.

Environmental Avoid entry into water courses.

Clean-up procedures: Absorb on inert material and treat as industrial waste.

7. HANDLING AND STORAGE

Handling: Impervious gloves, goggles, overalls and boots. Ensure good ventilation. No smoking.

Storage conditions: Store in a cool dry place between 5 & 30°C and in original packaging.

8. EXPOSURE CONTROLS

Respiratory Not required under normal well-ventilated conditions.

Skin/Eye/Hand Impervious gloves, tightly fitted goggles, overalls, and boots. Ensure eye bath is to hand.

Regulated Exposure 5ppm 15mins

Do not eat, drink or smoke at work place. Wash hands before breaks and after finishing work.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colourless liquid with a pungent odour.

Soluble in: Miscible in water.

Viscosity/Value: Highly viscous.

Boiling point/range °C: 100

Flash Point °C: >200

Relative density: 1.04

pH: 1-2

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions but will lose strength over time.

Conditions to avoid: Heat.

Materials to avoid: Bases. Metals. Alkalis.

Haz. Decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Skin contact: Severe irritation and burns on prolonged contact.

Eye contact: Severe injury and vapour gives irritation and damage at high concentration levels.

Effects of inhalation: Irritates eyes, nose, throat and upper respiratory tract. Severe exposure will result in wheezing, shortness of breath, chest pain and may cause lung damage. **When inhaled:** Prolonged or frequent exposure result in erosion of teeth, may cause damage to the mucous membranes and lungs. Irritant effects provide adequate exposure to harmful levels.

Ingestion: Acute: Severe irritation and corrosion of the mouth, throat and digestive tract.

Short/Long term effects: Marine pollutant.

12. ECOLOGICAL INFORMATION

Mobility: Mobile. Readily absorbed into soil.

Degradability: Biodegradable.

Bio-accumulative No bio-accumulation potential.

Other adverse effects: May cause harm to aquatic organisms in large volumes due to pH drop.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Dispose of according to local or national legislation.

Disposal of packaging: Dispose of as normal industrial waste and do not mix with waste materials.

14. TRANSPORT INFORMATION:

ADR/RID: UN No: 2789 **ADR Class:** 8 **Packing Group:** III **Class Code:** C1

Labelling : 8

Shipping name: ACETIC ACID

Hazard ID No: 80



IMDG/IMO: UN No: 2789 **Class:** 8 **Packing group:** III **EmS:** 8-03

Labelling : 8

IATA/ICAO: UN No: 2789 **Class:** 8 **Packing group:** III **Packaging instructions:** 819(P&CA);

Labelling: 8

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15. REGULATORY INFORMATION

Risk phrases: R34: Causes Burns.

R37: Irritating to respiratory system.

Safety phrases: S2: Keep out of the reach of children.

S7: Keep container tightly closed.

S13: Keep away from food, drink and animal feeding stuffs.

S18: Handle and open container with care.

S23: Do not breathe vapour.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S27: Take off immediately all contaminated clothing.

S29: Do not empty into drains.

S36:/37/39: Wear suitable protective clothing, gloves and eye/face protection.

S46: If swallowed, seek medical advice immediately and show this container or label.

S47/49: Keep only in the original container at a temperature not exceeding 40°C.

S51: Use only in well-ventilated areas.

S61: Avoid release to the environment.



16. ADDITIONAL INFORMATION

The information given in this data sheet relates only to this product and may not be valid if this product is used with any other products or in any process. This information is, to the best of the company's knowledge and belief, accurate and of the date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability and application of this product.