

LIME PUTTY SAFETY DATASHEET

1. Identification of Substance & Company

PRODUCT NAME: LIME PUTTY

SUPPLIER: Ecoright
Hampstead Farm, Binfield Heath
Henley-on-Thames Oxfordshire RG9 4LG
Normal Hours Tel: 0845 873 3888
Fax: 0118 969 8822

2. Composition/Information on Ingredients

Composes: Hydrated lime, Ca(OH)₂ (lime putty).
Supplied as a wet product.

3. Hazard Identification

May cause irritation to skin and eyes. Can cause drying of skin. It is advisable to ensure that eyewash facilities are available when the product is handled.

4. First Aid Measures

SKIN: An irritant (Xi), may cause irritation and drying of skin. Wash affected area immediately with plenty of water. Remove and wash contaminated clothing.

EYES: Speed is essential. Irrigate with eyewash or clean with water until free of debris, seek medical attention.

INHALATION: May cause irritation and inflammation to the respiratory tract. Irrigate nose and throat with water. Remove from exposure and keep warm and at rest. Seek medical advice if necessary.

INGESTION: Wash out mouth with water and give copious amounts of water to drink. Larger doses may irritate gastrointestinal tract. Do not induce vomiting. Seek medical advice if necessary.

FURTHER TREATMENT: No known delayed effects. Prolonged or repeated contact with skin may result in severe irritation or dermatitis.

5. Fire Fighting Measures

Non-combustible and inhibits the spread of flame. No special fire fighting procedures or explosion hazard is identified.

6. Accidental Release Measures

Steps to be taken in the event of spillage or release. Contain the spillage. Allow the material dry to and shovel into bags for disposal. Avoid contamination of watercourses and drains.

7. Handling & Storage

7.1 Handling

Wear gloves. Use barrier cream if necessary. Undertake appropriate lifting measures when handling bags.

7.2 Storage

Minimise contact with air, seal bags to stop evaporation.

8. Exposure Control & Personal Protection

8.1 Wear suitable gloves, overalls and eye/face protection. Rubber, leather or fabric/composite gloves provide suitable hand protection. Long sleeved overalls are recommended, close fitting at openings. Wide vision full goggles with anti-mist for eye protection. Wear boots that give appropriate foot protection.

9. Physical & Chemical Properties

Form – Wet, pliable and malleable sticky mass.

Colour – White in wet form, off white or buff in dry form.

Odour – Faint earthy odour.

pH – 11.5 - 13 (aqueous solution approx. 2g/litre).

Solubility in water – 1.76g/litre saturated solution at 100°C (for hydrated lime element of product).

10. Stability & Reactivity

10.1 Stable.

10.2 Hazardous decomposition products – none.

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11. Toxicological Information

High concentrations of dust when product is dry can be an irritant to the respiratory tract. Gross inhalation may cause inflammation, ulceration, perforation of the nasal septum and pneumonitis. Prolonged repeated inhalation of high dust concentration may cause similar effects.

May cause burns. Prolonged and repeated contact with skin may result in severe irritation or dermatitis.

Very painful irritant to the eye – may cause burns. Risk of severe and permanent damage to eyes.

If swallowed, may cause corrosion damage to the gastrointestinal tract.

The product is considered to be non-toxic.

12. Ecological Information

Hydrated lime is strongly soluble in water to form alkaline solution. Low mobility in moist ground conditions. Non-biodegradable, reacts with atmospheric and dissolved carbon dioxide to form calcium carbonate.

The product is considered to be non-toxic.

13. Disposal Conditions

Disposal should be in accordance with local and national legislation.

14. Transportation Information

Not classified as hazardous for transportation.

15. Regulatory Information

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

Classification for supply: Irritant

Classification for Conveyance: None

Risk phases

- R36/38 – Irritating to eyes and skin.
- R41 – Risk of serious damage to eyes.
- R43 – Contact with skin may cause mild burning sensation.

Safety phases

- S2 – Keep out of reach of children.
- 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.
- S37 – Wear suitable gloves.
- S39 – Wear eye/face protection.

Low chromate content according to TRGS 613.

16. Other Information

HSE Guidance Notes

- EH40: Occupational Exposure Limits (current edition).
- EH42: Monitoring Strategies for Toxic Substances.
- EH44: Dust in the Workplace: General Principles of Protection.