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## **SAFETY DATA SHEET**

1. IDENTIFICATION OF SUBSTANCE/PREPARATION:

### **EFFMAG 60**

**Intended use Magnesium Hydroxide suspension for pH-control.**

2. COMPOSITION/INFORMATION ON INGREDIENTS:

**Hazardous ingredients**

Conc. CAS EINECS Symbols/Risk phrases

Calcium hydroxide 1-10% 1305-62-0 215-137-3 C;R34/41 Xi;R37

3. HAZARDS IDENTIFICATION:

**Main hazards Risk of serious damage to eyes. Irritating to eyes and skin.**

4. FIRST AID MEASURES:

**Skin contact Irritating to skin. Remove contaminated clothing. Wash off immediately with plenty of**

**soap and water. Seek medical attention if irritation or symptoms persist.**

**Eye contact Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the**

**eyelids open. Seek medical attention if irritation or symptoms persist.**

**Inhalation May cause irritation to respiratory system. Move the exposed person to fresh air.**

**Seek**

**medical attention.**

**Ingestion Ingestion may cause nausea and vomiting. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.**

5. FIRE FIGHTING MEASURES:

**Extinguishing media This product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions.**

6. ACCIDENTAL RELEASE MEASURES:

**Personal precautions Wear suitable protective equipment.**

**Environmental precautions Prevent further spillage if safe. Do not flush into surface water. Do not allow product to enter drains.**

**Clean up methods Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled**

**containers for disposal. Clean spillage area thoroughly with plenty of water.**

**Print date 31-Oct-2007**

7. HANDLING AND STORAGE:

**Handling** Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.

**Storage** Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

**Exposure limits**

Calcium hydroxide WEL 8-hr limit ppm: -

WEL 15 min limit ppm: -

WEL 8-hr limit mg/m<sup>3</sup>: 5

WEL 15 min limit mg/m<sup>3</sup>: -

**Hand protection** Chemical resistant gloves (PVC)

**Eye protection** Approved safety goggles.

**Protective equipment** Wear protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES:

**Colour** Off white.

**Odour** Slight.

**pH** 11

**Flash point** This product is not flammable.

**Relative density** 1.48-1.52

**Water solubility** miscible in water.

10. STABILITY AND REACTIVITY:

**Stability** Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION:

**Toxicological information**

Calcium hydroxide Oral Mouse LD<sub>50</sub> = 7300

Oral Rat LD<sub>50</sub> = 7340

**Acute toxicity** No data is available on this product.

12. ECOLOGICAL INFORMATION:

**Ecotoxicity** No data is available on this product.

13. DISPOSAL CONSIDERATIONS:

**General information** Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION

**Further information** The product is not classified as dangerous for carriage.

15. REGULATORY INFORMATION:

**Labelling** The product is classified in accordance with 67/548/EEC.

**Symbols** Xi - Irritant

**Risk phrases** R36/38 - Irritating to eyes and skin.

16. OTHER INFORMATION:

**Text of risk phrases in**

**Section 2**

**R37 - Irritating to respiratory system.**

**Further information** The information supplied in this Safety Data Sheet is designed only as guidance for the

safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.