

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

**Product name:** SHADEACRETE MARIGOLD

**Product code:** SCMARI

**Use / description of product:** Colourant (Inorganic Pigment)

**Company name:** Lanxess Ltd

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** RED IRON OXIDE 70-90%

CAS: 1309-037-1

- YELLOW IRON OXIDE 10-30%

CAS: 20344-049-4

## 3. HAZARDS IDENTIFICATION

**Main hazards:** No significant hazard.

## 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

## 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

**Environmental precautions:** Do not discharge into drains or rivers.

**Clean-up procedures:** Transfer to a suitable container.

**7. HANDLING AND STORAGE**

**Handling requirements:** Avoid the formation or spread of dust in the air. Ensure there is exhaust ventilation of the area.

**Storage conditions:** Store in cool, well ventilated area.

**Suitable packaging:** Must only be kept in original packaging.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Hazardous ingredients:** RED IRON OXIDE  
WEL (8 hr exposure limit): 10 mg/m<sup>3</sup>

- YELLOW IRON OXIDE  
WEL (8 hr exposure limit): 10 mg/m<sup>3</sup>

**Respirable dust:** RED IRON OXIDE  
WEL (8 hr exposure limit): 4 mg/m<sup>3</sup>

- YELLOW IRON OXIDE  
WEL (8 hr exposure limit): 4 mg/m<sup>3</sup>

**Engineering measures:** Ensure there is exhaust ventilation of the area.

**Respiratory protection:** Respiratory protective device with particle filter.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Powder

**Colour:** Dark orange

**Odour:** Odourless

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Insoluble

**Relative density:** 4.8

**pH:** 4 to 7

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**11. TOXICOLOGICAL INFORMATION**

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

**12. ECOLOGICAL INFORMATION**

**Mobility:** Insoluble in water.

**Persistence and degradability:** Not biodegradable.

**Bioaccumulative potential:** No bioaccumulation potential.

**Other adverse effects:** Negligible ecotoxicity. Discharges to water courses should be avoided to prevent the exclusion of natural light affecting fauna.

**13. DISPOSAL CONSIDERATIONS**

**Disposal operations:** D1 Tipping above or underground (e.g. landfill, etc.).

**Disposal of packaging:** Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION****ADR / RID****IMDG / IMO****IATA / ICAO****15. REGULATORY INFORMATION**

**Hazard symbols:** No significant hazard.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. OTHER INFORMATION**

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.