

MATERIAL SAFETY DATA SHEET.

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: **D403 RED LAKE COLOUR(POWDER)**

SUPPLIER The Soap Kitchen, 11a South Street, Torrington, Devon, EX38 8AA.

Emergency Tel No: 01805 622944 Emergency Contact: Mr. Richard Phillips.

2. COMPOSITION / INFORMATION ON INGREDIENTS.

CONTAINS: Pigment Red 5

H-No: CAS No: 6410-41-9

EU No: Annex IV Pt 1 FEMA:

FDA: IFRA: Application: Colour

RIFM: EINECS: 229-107-2 RTECS:

INCI name: CI 2490 Common Name: Fast Carmine

3. HAZARDS IDENTIFICATION:

Concentrated product. Do not ingest. Avoid breathing dust. Observe good housekeeping procedures.

4. FIRST-AID MEASURES:

INHALATION: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT: Rinse immediately with plenty of water for at least 15 mins, holding eyelids open. Contact a doctor if symptoms persist.

SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INGESTION: Rinse mouth and then drink plenty of water. Seek medical advice if large amounts are involved. Do not induce vomiting.

OTHER: When assessing action take Risk & Safety Phrases into account (Section 15)

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED: Use Water Mist, CO₂, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES: Will give off harmful fumes. Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

ENVIRONMENT PRECAUTIONS: Keep away from drains, soils, surface & groundwaters.

CLEANING UP METHODS FOR SPILLAGES: Remove all potential ignition sources. Vacuum up and wash spill site. Observe state, federal & local disposal regulations.

7. HANDLING & STORAGE.

PRECAUTIONS IN HANDLING: Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

STORAGE CONDITIONS: Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

FIRE PROTECTION: Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION.

RESPIRATORY PROTECTION: Avoid breathing product vapour. Apply local ventilation where possible.

VENTILATION: Ensure good ventilation of working area.

HAND PROTECTION: Avoid all skin contact. Use chemically resistant gloves if required.

EYE PROTECTION: Use safety glasses.

WORK/HYGIENE PRACTICES: When handling dry powder, local exhaust ventilation (LEV) is essential to minimize worker exposure. UK limits (long term total dust and respirable dust) on exposure are published annually in Guidance Note EH40, Health & Safety executive.

Dry, fine powders can remove the skin's natural oils, leaving it cracked and dry and open to infection. Wash hands with soap & water after handling. Use skin moisturisers.

9. PHYSICAL & CHEMICAL PROPERTIES.

PHYSICAL FORM:	Red Powder
ODOUR:	None
FLASH-POINT °C:	n/a
BULK DENSITY :	210 kg.m ⁻³
SOLUBILITY IN WATER :	g.l ⁻¹
PH (AT g.l ⁻¹ WATER):	6-8
THERMAL DECOMPOSITION :	no data

10. STABILITY & REACTIVITY.

STABILITY :

REACTIVITY: No data available

DECOMPOSITION: No data available

HAZARDOUS DECOMPOSITION COMPONENTS: carbon, nitrogen and sulphur oxides, chlorinated compounds

11. TOXICOLOGICAL INFORMATION.

Non toxic

After skin contact : Non irritant (rabbit)

After eye contact : Non irritant (rabbit)

After Ingestion : LD₅₀ oral >2000mg/kg

12. ECOLOGICAL INFORMATION.

BIODEGRADABILITY: Data not available

PRECAUTIONS: Prevent surface contamination of soil, ground & surface water. Do not discharge into natural waters without pretreatment. Essentially insoluble in water.

13. DISPOSAL CONSIDERATIONS.

Avoid disposing to drainage systems and into the environment. Seek expert advice.

14. TRANSPORT REGULATIONS.

Not classified as a hazardous cargo under current transport regulations.

Road (ADR/RID): AIR (IATA):

SEA (IMDG): UN:

15. REGULATORY INFORMATION. According to Directive 88/379/EEC

HAZARDS:

SYMBOLS:

RISK PHRASES:

SAFETY PHRASES:

16. OTHER INFORMATION.

Dust: Long term total dust : 10mg.m⁻³-8hr TWA
Respirable dust : 4mg.m⁻³-8hr TWA

PACKAGING:

Type	Suitability
Glass	Yes
Lacquer lined steel/tin	No
Aluminium	Yes
HPPE	Yes
F/HDPE	Yes
Other plastic	Yes

SHELF-LIFE

Min 12 months when stored within advised conditions.

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.

Retest after 6 months.

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