

# MATERIAL SAFETY DATA SHEET.

## **1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.**

PRODUCT NAME: **AMARANTH 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: Amaranth (CI No 16185)

H-No: CAS No: 915-67-3

EU No: E123 FEMA:

FDA: IFRA: Application: Water based colour

RIFM: EINECS: 213-022-2 RTECS:

INCI name: CI 16185 FCCIV:

## **3. HAZARDS IDENTIFICATION:**

Concentrated product. Do not ingest. 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, CO<sub>2</sub>, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES: 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 & ground waters.

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: 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 :	no data
SOLUBILITY IN WATER :	Soluble
PH (AT g.l <sup>-1</sup> WATER):	6-8
THERMAL DECOMPOSITION :	no data

## **10. STABILITY & REACTIVITY.**

REACTIVITY: No data available

DECOMPOSITION: No data available

## **11. TOXICOLOGICAL INFORMATION.**

Non toxic, permitted food colourant.

After skin contact : Irritation not expected

After eye contact : Irritation possible through mechanical action of dust particles.

After inhalation : May cause discomfort to respiratory tract

## **12. ECOLOGICAL INFORMATION.**

BIODEGRADABILITY: Data not available

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

## **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. Use an approved carrier

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

SEA (IMDG): UN 1993:

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

HAZARDS:

SYMBOLS:

RISK PHRASES:

SAFETY PHRASES:

Dust: Long term total dust : 10mg.m<sup>-3</sup>-8hr TWA  
Respirable dust : 4mg.m<sup>-3</sup>-8hr TWA

**16. OTHER INFORMATION.**

Conc. % Limits:

**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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