

# MATERIAL SAFETY DATA SHEET.

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

PRODUCT NAME: **D405 GREEN 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: Phthalocyanine Green

H-No:

CAS No: 1328-56-6

EU No: Annex IV Pt 1

FEMA:

FDA:

IFRA:

Application: Colour

RIFM:

EINECS: 215-524-7

RTECS:

INCI name: CI 74260

Common Name: Phthalocyanine Green

## **3. HAZARDS IDENTIFICATION:**

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

Possibility of dust explosions.

## **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: 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. Avoid build up of electrostatic charges. 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:                   | Green Powder                |
| ODOUR:                           | None                        |
| FLASH-POINT °C:                  | n/a                         |
| DENSITY :                        | g.cm <sup>-3</sup>          |
| BULK DENSITY :                   | kg.m <sup>-3</sup>          |
| SOLUBILITY IN WATER :            | Insoluble g.l <sup>-1</sup> |
| PH (AT g.l <sup>-1</sup> WATER): |                             |
| THERMAL DECOMPOSITION :          | >300°C                      |

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

STABILITY :

REACTIVITY: No data available

DECOMPOSITION: No data available

HAZARDOUS DECOMPOSITION COMPONENTS: carbon monoxide, nitrous oxides

## **11. TOXICOLOGICAL INFORMATION.**

Non toxic

After skin contact : Non irritant

After eye contact : Non irritant

After Ingestion : LD<sub>50</sub> 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<sup>-3</sup>-8hr TWA  
Respirable dust : 4mg.m<sup>-3</sup>-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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