



MATERIAL SAFETY DATA SHEET

Issue No. 23
Date of issue : June 2007

1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Name: **D404 Blue Lake**

Chemical Characterisation: Pigment Blue 15:3 - C.I. 74160

Function: Cosmetic colour

Supplier: The Soap Kitchen

2. COMPOSITION / INFORMATION ON INGREDIENTS

Contains: Phthalocyanine Blue β -mod.

FDA Description:

Japan Reference: Permitted

EINECS:
205-685-1

Pigment Blue 15:3

EU Number:

EU Reference: Annex IV Pt 1

Hazardous components:

R

CAS Number:
147-14-8

3. HAZARDS IDENTIFICATION

Considered to be harmless to health and environment if handled in the correct manner. Keep away from food and drink. Observe normal standards of industrial hygiene for handling chemicals. Organic substances may cause dust explosions.

4. FIRST AID MEASURES

Eye Contact: Rinse with plenty of water, seek medical advice.

Inhalation: If necessary, seek medical advice.

Skin Contact: Wash with mild soap and plenty of water.

Ingestion: If necessary, seek medical advice. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

Extinguishing Media:



water mist



foam

(✓ recommended

× must not be used)



CO₂



dry powder

Special Exposure Hazards: Forms CO, CO₂ and NO_x in fires.

Special Fire Fighting Precautions: Use self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection: See section 8. Control dust. Provide sufficient ventilation.

Disposal Considerations: See sections 8/13.

Measures for Containing Spillage:

Measures for Cleaning up: Take up mechanically. Avoid dust formation and electrical charging (sparking), because of dust explosion risk.

Environmental Precautions: Advise local river or water authority if spillage has entered water course or sewer.

7. HANDLING AND STORAGE

Store at room temperature (15-25°C recommended) in original resealed containers and protected from direct sunlight and moisture.

Use LEV throughout handling processes. Take precautionary measures against electrostatic charges.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

When handling dry powder, local exhaust ventilation (LEV) is essential to minimise worker exposure. UK limits (long term total dust and respirable dust) on exposure are published annually in Guidance Note EH40, HSE.

Dust: Long term total dust: 10 / 8 hr TWA

Respirable dust: 4 / 8 hr TWA

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Respiratory Protection: FFPI Nuisance dust filters

- | | |
|--|---|
| <input checked="" type="checkbox"/> goggles | <input checked="" type="checkbox"/> aprons, boots |
| <input checked="" type="checkbox"/> nitrile gloves (2 mm)
(Breakthrough NK) | <input type="checkbox"/> |

9. **PHYSICAL & CHEMICAL PROPERTIES**

Melting / Softening Point: > 300°C
Boiling Point: NA
Flash Point: NA
Density: 1.62 g.cm⁻³
Bulk Density: 317 kg.m⁻³
Solubility in Water: < 0.02 mg/l
Solubility in Oil: < 1 g/l (1-octanol)
pH: 6 - 8
Partition Coefficient (n-octanol-water): NK
Flammability:
Explosive Properties:
Oxidising Properties:
Evaporation Rate:
Appearance: Blue powder.
Odour: None.

10. **STABILITY AND REACTIVITY**

Stability: Thermal decomposition > 450°C.
Conditions to avoid:
Materials to avoid:
Hazardous Decomposition Products: Non known when handled appropriately.
Hazardous Exothermic Reaction:

11. **TOXICOLOGY**

General Comments: By analogy with similar product.
Skin Contact: Non irritant - rabbit.
Eye Contact: Non irritant - rabbit eye.
Ingestion: LD₅₀ > 2000 mg/kg - rat
Inhalation:
Any Further Data: Non sensitizing.

12. **ECOLOGY**

General Comments: By analogy with similar product.
Bacteriological Toxicity:
Fish Toxicity: LC₅₀ > 100 mg/l
Biodegradability and Persistence:
Bioaccumulative Potential:
Mobility: Insoluble in water. Will sediment out of waters.
Other Effects:

13. **DISPOSAL**

National or regional laws will determine the appropriate method of disposal. It is recommended that you refer to your local authority.

14. **TRANSPORT INFORMATION**

UN Number:	RID (rail):
IMDG (sea):	ICAO/IATA (air):
ADR (road):	Packaging Group:
General: Not restricted for transport purposes.	

15. **REGULATORY INFORMATION**

Labelling Information:
World Regulations:

16. **OTHER INFORMATION**

R-phrases:
Non Statutory Recommendations:
Source Information:
Notes: NA (not applicable), NK (not known), NR (not relevant). * (revised since last issue).