



The Soap Kitchen

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MATERIAL SAFETY DATA SHEET

Issue No. 3
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1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Name: **D404.70 PIGMENT BLUE DISPERSION**

Chemical Characterisation: Pigment Blue 15:3 - C.I. 74160
Anionic/nonionic surfactants
Preservative

Function: Cosmetic colour

Supplier: **The Soap Kitchen**

2. 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. Some of the surfactants used may be irritating to eyes and skin.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Contains: Phthalocyanine Blue β -mod., water, anionic and nonionic surfactants.

FDA Description:

Japan Reference: Blue No. 404

EU Number:

EU Reference: Annex IV Pt 1

Hazardous components:

R

EINECS:

205-685-1

500-016-2

-

-

259-218-1

204-589-7

202-785-7

204-399-4

202-307-7

231-791-2

Pigment Blue 15:3

Oleth 5

Trideceth-3-phosphate

Urea-d-glucuronic acid

Decyl D-gucoside

Phenoxyethanol

Methylparaben

Ethylparaben

Propylparaben

Water

CAS Number:

147-14-8

9004-98-2 / 5353-27-5

9046-01-9 / 73070-47-0

-

54549-25-6

122-99-6

99-76-3

120-47-8

94-13-3

7732-18-5

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. Provide sufficient ventilation.

Disposal Considerations: See sections 8/13.

Measures for Containing Spillage:

Measures for Cleaning up: Take up mechanically.

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

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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
Respiratory Protection:
- | | | | |
|-----------------------|--|-----------------------|---------------|
| <input type="radio"/> | goggles | <input type="radio"/> | aprons, boots |
| <input type="radio"/> | nitrile gloves (2 mm)
(Breakthrough NK) | <input type="radio"/> | |
9. PHYSICAL & CHEMICAL PROPERTIES
Melting / Softening Point: > 300 °C
Boiling Point: NA
Flash Point: NA
Density: g.cm⁻³
Bulk Density: kg.m⁻³
Solubility in Water: Dispersible
Solubility in Oil:
pH:
Partition Coefficient (n-octanol-water): NK
Flammability:
Explosive Properties:
Oxidising Properties:
Evaporation Rate:
Appearance: Blue dispersion.
Odour: None.
10. STABILITY AND REACTIVITY
Stability: Thermal decomposition of pigment > 450 °C.
Conditions to avoid:
Materials to avoid:
Hazardous Decomposition Products: Non known when handled appropriately.
Hazardous Exothermic Reaction:
11. TOXICOLOGY
General Comments: For pigment, 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: For pigment, by analogy with similar product.
Bacteriological Toxicity:
Fish Toxicity: LC₅₀ > 100 mg/l
Biodegradability and Persistence:
Bioaccumulative Potential:
Mobility:
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).