

SAFETY DATA SHEET – FLINTS WATER BASED DYE TURQUOISE / AZURE

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

1.1. Product identifier:

Product Name / Code: Flints Water Based Dye Turquoise / Azure, DPPD2

REACH Key Notes: -

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Textile Dye

1.3. Details of the supplier of the safety data sheet:

Company: Flints Theatrical Chandlers Ltd
Unit 9 Deptford Trading Estate
Blackhorse Road
SE8 5HY

Telephone: +44 (0) 20 7703 9786

Email: sales@flints.co.uk

Telephone operated from 08:30 – 17:30 Monday to Friday, 09:00 – 14:00 Saturday.
In an emergency, seek advice from a medical professional.

2. HAZARDS IDENTIFICATION

No Labelling is required in accordance with GHS directives.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substances: Not applicable.

Chemical Characterisation: Phthalocyanine copper complex dyestuff preparation.

4. FIRST AID MEASURES

General information: Take off immediately all contaminated clothing.

Ingestion: If the product is swallowed, the patient must at once drink plenty of water repeatedly, if possible with the addition of activated carbon. If the patient feels unwell, seek medical advice.

Inhalation: Upon in inhalation of aerosol/vapour/dust take the patient into fresh air. If there is difficulty in breathing seek medical advice.

Eye contact: Contamination of the eyes must be treated by thorough irrigation with water, with the eyelids held open. Eventually a doctor or eye specialist should be consulted.

Skin contact: Cleansing with plenty of water, soap or other non-irritating cleansing agent.

Most important symptoms and effects, both acute and delayed.

Please see hazard statement in section 2.2 if given and information in this section if stated.

Indication of any immediate medical attention and special treatment needed

Please see hazard statement in section 2.2

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Water spray, foam, dry powder.
Unsuitable Extinguishing Media:	DO NOT USE Carbon Dioxide.
Special Hazards:	None determined.
Advice for Firefighters:	Special protective equipment for firefighting: Firemen must wear self-contained breathing apparatus.
Further information:	Fire residues and contaminated firefighting water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Avoid formation and disposition of dust.
Environmental Precautions:	Do not empty into drains or waters.
Methods for cleaning or take up:	Take up spilled product with dust-binding materials or suitable vacuum cleaner. Place into labelled, sealable containers.
Additional information:	For further disposal measures see chapter 13.

7. HANDLING AND STORAGE

Safe Handling:	Avoid formation and disposition of dust. Keep container tightly closed and dry.
Fire and Explosion Protection:	Observe the usual precautionary measures required for chemicals with dust explosive properties. Observe national regulations.
Conditions for Safe Storage:	Storage rooms and vessels: Store in original containers in a cool, dry place. In filling operations take precautionary measures against static discharge.
Storage Stability:	Storage period: 60 months
Specific End Uses:	Not determined.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Specific End Uses:	Ingredients with occupational exposure limits to be monitored: Not applicable
Exposure Controls:	
General Protective Measures:	Do not breathe dust. Avoid contact with skin. Take off immediately contaminated clothing.

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Respiratory Protection:	Dust mask with particle filter.
Hand Protection:	Wear suitable gloves e.g. PVC or nitrile rubber. In the event of contamination, change protective gloves immediately.
Eye Protection:	Safety glasses with side protection shield.
Skin Protection:	Wear protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Powder
Colour:	Blue
pH:	Approx. 8.5 (at 20°C - room temperature)
Odour:	Weak
Melting point:	>300°C
Boiling point:	Not determined
Flash point:	Not applicable
Ignition temperature:	Not determined
Flammability:	Not determined
Lower explosion limit:	Not determined
Upper explosion limit:	Not determined
Vapour pressure:	Not determined
Density:	Not determined
Solubility in water:	10 gm.p.l (25°C)
Viscosity (dynamic):	Not determined
Viscosity (kinematic):	Not determined
Viscosity (flow time):	Not determined
Combustion Number:	BZ1 Does not catch fire
Dust Explosion Class:	Not determined
Bulk Density:	700-800 kg/m ³
Further Information (Phys-Chem):	Not necessary

10. STABILITY AND REACTIVITY

Reactivity:	No hazardous reactions when stored and handled according to prescribed instructions.
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Chemical Stability:	No thermal decomposition when stored and handled correctly.
Possible Hazardous Reactions:	Dust explosion: not ignitable (modified Hartmann tube VDI 2263/3673)
Conditions to Avoid:	For avoidable conditions: Not necessary.
Incompatible Materials:	For avoidable materials: Not necessary.
Hazardous Decomposition Products:	Not applicable

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity:	LD50 > 5,000mg.kg (rat).
Acute inhalation toxicity:	Not determined.
Acute dermal toxicity:	Not determined.
Irritant effect on eyes:	Slight Irritant (rabbit).
Irritant effect on skin:	Non-irritant (rabbit).
Sensitization:	Not determined.
Repeat dose toxicity:	Not determined.
Mutagenicity:	Not determined.
Teratogenicity:	Not necessary.
Carcinogenicity:	Not necessary.
Remarks:	Test results of an analogous product.

12. ECOLOGICAL INFORMATION

Toxicity:	
Fish Toxicity:	LC50 >100 mg/l (48 h, red killfish)
Daphnia Toxicity:	Not determined.
Algae Toxicity:	Not determined
Bacteria Toxicity:	Not determined.
Persistence and Degradability:	
Physio-Chemical Eliminability:	Not determined.
Biodegradability:	10% Method: Batch method.
Behaviour in Environmental Compartments:	
	Not determined.
Dissolved Organic Carbon (DOC):	Not determined.
Chemical Oxygen Demand (COD):	Not determined

Biochemical Oxygen Demand (BOD5): Not determined.

Remarks: Product does not add to the AOX value of the sewage.
Product contains 4.4% complex bonded copper.
Does not release nitrogen which can contribute to eutrophication.
Product does not contain phosphates or organophosphorus compounds.

Bioaccumulative Potential: Not determined.

Mobility in Soil: Not determined.

Results of PBT and vPvB Assessment: Not determined.

Other Adverse Effects: Not determined

13. DISPOSAL INFORMATION

Waste treatment method

Product: If utilisation or recycling of the product is not possible, it should be disposed of according to the local Regulations and laws, e.g. by incineration in a suitable plant.

European Waste Catalogue (EWC) code: 040217 Dyestuffs and pigments other than those mentioned in 040216.

Unclean packaging: Soiled, empty containers are to be treated in the same way as the contents

14. TRANSPORT INFORMATION

Transport class: Classified as non-dangerous goods for transport.

UN number: See above entry at the respective regulation.

Proper shipping name: See above entry at the respective regulation.

Transport hazard class(es): See above entry at the respective regulation.

Packing group: See above entry at the respective regulation.

Environmental hazards: See above entry at the respective regulation.

Special precautions for user: Protect from wetness.

Keep separate from foodstuffs

Transport in bulk according to Amex 11 of MARPOL 73/78 and the IBC code:

No transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code foreseen for this substance or mixture.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific Regulations: No labelling is required in accordance with EEC directives.

Chemical Safety Assessment: Not determined

16. OTHER INFORMATION

Text of all short cuts referred to in sections 2 and 3:

Date: 02/08/2019

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal requirements. The information contained herein is accurate to the best of our knowledge and belief and is intended to describe our products from a point of view of health and safety requirements. It should not, therefore, be construed as guaranteeing specific properties. This company shall not be held liable for any damage resulting from handling or from contact with the above product.