

SAFETY DATA SHEET – FLINTS FIXITOL P

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

1.1. Product identifier

Product Name / Code: Fixitol P, DPP20011, DPP20015

REACH Key Notes: -

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

Use Pattern: 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

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

According to regulation (EC) 1272/2008 on classification, labelling and packaging of substances and mixtures

No Labelling is required in accordance with GHS directives

2.2 LABEL ELEMENTS

HAZARD PICTOGRAMS

SIGNAL WORD

HAZARD STATEMENTS Not classified

PRECAUTIONARY STATEMENTS

2.3. OTHER HAZARDS

If applicable in this section are given hazards which are not part of the overall classification but can contribute to the hazards which may be associated with the substance or mixture.

Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients (GHS) according Regulation (EC 1272/2008)

3.1. Substances

Polyammonium compound

3.2. Mixtures

Chemical characterisation: Poly Diallyl Dimethyl Ammonium Chloride

CAS no:26062-79-3

EC No. Polymer

CLP no. 02-2119879974-13-0000

Conc 10-25%

Aquatic chronic 3: H412

4. FIRST AID MEASURES

4.1. DESCRIPTION OF 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.

4.2. 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.

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Please see hazard statement in section 2.2

5. FIRE FIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

Suitable extinguishing media: Water spray, foam, dry powder.

Extinguishing media that must not be used for safety reasons: Carbon Dioxide.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Nitrogen oxides

5.3. 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

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Personal precautions: Avoid formation and disposition of dust.

6.2. ENVIRONMENTAL PRECAUTIONS

Environmental precautions: Do not empty into drains or waters.

6.3. METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Methods for cleaning or take up: Take up spilled product with dust-binding materials or suitable vacuum cleaner. Place into labelled, sealable containers.

6.4. REFERENCE TO OTHER SECTIONS

Additional information: For further disposal measures see chapter 13.

7. HANDLING AND STORAGE

7.1. HANDLING

Advice on safe handling: Avoid formation and disposition of dust. Keep container tightly closed and dry. Advice on protection against fire and explosion: Observe the usual precautionary measures required for chemicals with dust explosive properties. Observe national regulations.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Requirements for storage rooms and vessels: Store in original containers in a cool, dry place. In filling operations take precautionary measures against static discharge.

7.3. SPECIFIC END USES

Not determined.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1. Specific end uses:

Ingredients with occupational exposure limits to be monitored: Not applicable

8.2. EXPOSURE CONTROLS

General protective measures: Do not breathe dust. Avoid contact with skin. Take off immediately contaminated clothing.

Hygiene measures:	Keep away from food and drink. Do not eat, drink or smoke at work. Wash hands before Break and at end of work and use skin protecting ointments.
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

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

FORM	Liquid
COLOUR:	Yellowish
pH:	Approx. 4.5-6.5
ODOUR:	No odour
MELTING POINT:	No Data
BOILING POINT:	100C
FLASH POINT:	Not applicable
IGNITION TEMPERATURE:	Not determined
FLAMMABILITY:	Not determined
LOWER EXPOLOSION LIMIT:	Not determined
UPPER EXPOLSION LIMIT:	Not determined
VAPOUR PRESSURE:	Not determined
DENSITY:	Not determined
SOLUBILTY IN WATER	
VISCOSITY(dynamic):	Not determined
VISCOSITY(kinematic):	Not determined
VISCOSITY (flow time):	Not determined

9.2 OTHER INFORMATION

COMBUSTION NUMBER:	No Data.
DUST EXPOLSION CLASS:	Not determined

BULK DENSITY

Further information (phys-chem): not necessary

10. STABILITY AND REACTIVITY

10.1: REACTIVITY

May react with acids

10.2: CHEMICAL STABILITY

Thermal decomposition: Stable at normal ambient temperatures and when used as recommended

10.3: POSSIBILITY OF HAZARDOUS REACTIONS

10.4: CONDITIONS TO AVOID

For avoidable conditions: Avoid excessive heat for prolonged periods of time

10.5: INCOMPATIBLE MATERIALS

For avoidable materials: Strong acids

10.6: HAZARDOUS DECOMPOSITION PRODUCTS

Carbon dioxide

11. TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

Acute oral toxicity:	LD50>5000 mg.kg
Acute inhalation toxicity:	Not determined
Acute dermal toxicity:	Not determined
Irritant effect on eyes:	Non Irritant
Irritant effect on skin:	Non-irritant
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

12.1. TOXICITY

Fish toxicity:	LC 50,>10mg/l (OECD 203)
Daphnia toxicity:	,>10mg/l (OECD 202)

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Bacteria toxicity: >100mg/l (OECD 209)

12.2. PERSISTENCE AND DEGRADABILITY

Physico-chemical eliminability: Not determined.

Biodegradability: Not determined

Behaviour in environmental compartments: 1 Not determined.

Dissolved Organic Carbon (DOC): Not determined.

Chemical Oxygen Demand (COD): 350mg/g

Biochemical Oxygen Demand (BOD5): 60mg/g

Remarks: Test results are of a similarly composed product.

Nitrogen: 1.28%

Phosphorous: 0.04%

AOX: 0%

12.3. BIOACCUMULATIVE POTENTIAL

Not bio accumulating

12.4. MOBILITY IN SOIL

Soluble in water

12.5. RESULTS OF PBT AND vPvB ASSESSMENT

Not determined.

12.6. OTHER ADVERSE EFFECTS

Not determined.

13. DISPOSAL INFORMATION**13.1. 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.**14.1. UN NUMBER**

See above entry at the respective regulation.

14.2. PROPER SHIPPING NAME

See above entry at the respective regulation.

14.3. TRANSPORT HAZARD CLASS(ES)

See above entry at the respective regulation.

14.4. PACKING GROUP

See above entry at the respective regulation.

14.5. ENVIRONMENTAL HAZARDS

See above entry at the respective regulation.

14.6. SPECIAL PRECAUTIONS FOR USER

Protect from wetness.

Keep separate from foodstuffs.

14.7. 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

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

SPECIFIC REGULATIONS: No labelling is required in accordance with EEC directives.

15.2. CHEMICAL SAFETY ASSESSMENT

Not determined.

16. OTHER INFORMATION

H412-Harmful to aquatic life with long lasting effects

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

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.