

Trade name: **Fluorescent Pigment**

Chemical Name : Melamine Formaldehyde Sulfonamide Polymer (CAS No. 39277-28-6)

Composition information on ingredients:

Toluene-2-sulphonamide (CAS No. 88-19-7) : (Pre-registration Number) 05-2114802754-50-0000

Formaldehyde (CAS No. 50-00-0) : (Pre-registration Number) 17-2119424114-54-0000

Melamine (CAS No. 108-78-1) : (Pre-registration Number) 05-2114802752-54-0000

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

No further relevant information available.

Application of the substance / the mixture

Use in textile, Paper Coating, Manufacture of Paint, Inks/ Printing Inks; Low melting Plastics, Crayons, PVC Plastics, Candles, Latex etc.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Further information obtainable from:

Phone No.:

E-MAIL:

1.4 Emergency telephone number:

Contact details of European importer: Confidential

Emergency telephone number: +91 9315551751

Telephone number of EU importer: Confidential

Opening hours: 24 hrs

Other Comments (e.g. language(s) of the phone service): English

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xi: Irritant

R36/38: Irritating to eyes and skin.

Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment (see on this label).

P362 Take off contaminated clothing and wash before reuse.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

30525-89-4 Paraformaldehyde (Formaldehyde pre-registered as an alternative chemical)

☒ Xn R20/22; ☒ Xi R36/38

⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319

Additional information:

For the wording of the listed risk phrases refer to section 16.

Chemical Name : Melamine Formaldehyde Sulfonamide Polymer (CAS No. 39277-28-6)

Composition/ information on ingredients :

Ortha toluene Para toluene sulphonamide : 69 Parts (CAS No. 88-19-7)

Para formaldehyde : 11 Parts (CAS No. 30525-89-4)

Melamine : 16 Parts (CAS No. 108-78-1)

Basic/solvent dyes : Below 5 Parts

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Seek medical treatment.

After eye contact:

Rinse opened eye for several minutes under running water.

If irritation develops, seek medical advice.

After swallowing:

Rinse out mouth and then drink plenty of water.

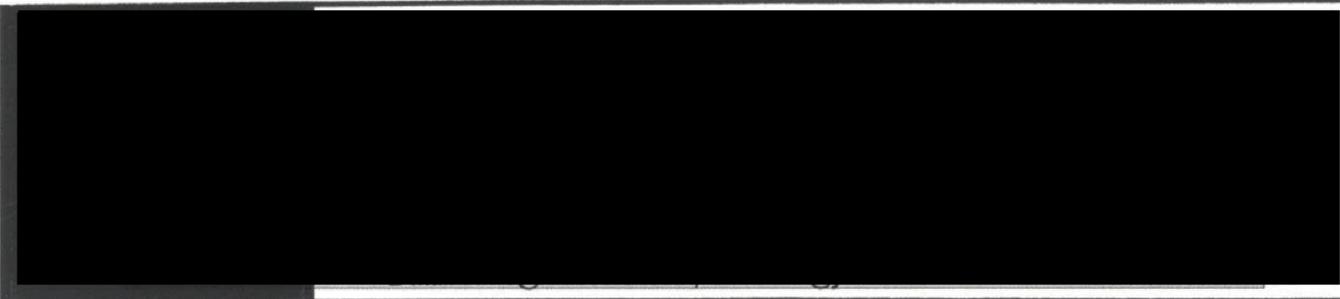
If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

Information for doctor: Treat symptomatically and supportively.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.


5.1 Extinguishing media

Suitable extinguishing agents: Use water spray, dry chemical, carbon dioxide, or chemical foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Nitrogen oxides (NO_x)

May produce carbon mono-oxide and carbon dioxide.

5.3 Advice for firefighters**Protective equipment:**

Wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation

Avoid formation of dust.

Use personal protective equipment. Avoid breathing dust.

6.2 Environmental precautions: Do not allow product to reach sewage system or any water course.**6.3 Methods and material for containment and cleaning up:**

Sweep or scoop up the spilled material into a container for disposal. Close the container tightly. Clean by water.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Information about fire - and explosion protection: Keep ignition sources away - Do not smoke.**7.2 Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:**

Store in a cool, dry, well-ventilated area away from incompatible substances.

Information about storage in one common storage facility:

Do not store together with incompatible materials and foodstuffs.

Further information about storage conditions: Keep container tightly sealed.**7.3 Specific end use(s)**

Used in textiles, water based paper coating, water/oil based paints, printing Inks; low melting plastics, colouring of Erasers, crayon etc.

SECTION 8: Exposure controls/personal protection**Additional information about design of technical facilities:**

Local exhaust ventilation required plus good work practice.

Safety shower. Eye fountain.





... does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing
- Wash hands before breaks and at the end of work.
- Store protective clothing separately.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Goggles recommended during refilling

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties	
· General Information	
· Appearance:	
· Form:	Fine powder
· Colour:	According to product specification
· Odour:	Characteristic
· Change in condition	
· Melting point/Melting range:	130 to 155 °C (Softening point)
· Boiling point/Boiling range:	Undetermined.
· Flash point:	Not applicable.
· Ignition temperature:	
· Decomposition temperature:	200 °C
· Self-igniting:	Product is not self-igniting
· Danger of explosion:	Product does not present an explosion hazard.
· Density:	0.30 to 0.40 g/cm ³
· Solubility in / Miscibility with	
· Water:	Insoluble





Specific Gravity: 1.35 to 1.40

SECTION 10: Stability and reactivity

- 10.1 Reactivity
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: Keep away from ignition sources, heat and naked flame.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products:
Hazardous decomposition products formed under fire conditions - Carbon oxides, nitrogen oxides (NOx)

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
- Acute toxicity:

- LD/LC50 values relevant for classification:

30525-89-4 paraformaldehyde

Oral	LD50	800 mg/kg (rat)
Inhalative	LC50	1070 mg/m ³ /4H (rat)
Irritation of skin	Draize test	500 mg/24H (rabbit)- Severe
Irritation of eyes	Draize test	100 mg (rabbit)- Severe

108-78-1 melamine

Oral	LD50	3161 mg/kg (rat) >6400 mg/kg (rat)
Dermal	LD50	>1000 mg/kg (rabbit)
Inhalative	LC50	3248 mg/l (mouse)

88-19-7 o-Toluenesulfonamide

Oral	LD50	4870 mg/kg (rat) > 2000 mg/kg (rat)
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- Primary irritant effect:
- On the skin: Causes skin irritation
- On the eye: Causes eye irritation.
- Sensitisation: No sensitising effects known.
- Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.



· **12.1 Toxicity**

· **Aquatic toxicity:**

· **108-78-1 melamine**

LC100 (21 days)	56 mg/l (Daphnia magna)
LC50 (48hr)	1000 mg/l (Fish Onchorhynchus mykiss(Rainbow trout))
	>500 mg/l (Leuciscus idus)

· **88-19-7 o-Toluenesulfonamide**

EC50 (48hr)	210 mg/L (Daphnia magna)
LC50 (96hr)	>100 mg/L (Oryzias latipes)

· **30525-89-4 paraformaldehyde**

LC50 (96hr) (static)	51.2 ppm (Fish Onchorhynchus mykiss(Rainbow trout))
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- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** The product is not expected to be bioaccumulative
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Dispose off waste material according to local, state and federal regulations.
- **European waste catalogue**
07 03: Wastes from the Manufacture, Formulation, Supply and Use (MFSU) of organic dyes and pigments.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

· 14.1 UN-Number	
· ADR, ADN, IMDG, IATA	Not applicable
· 14.2 UN proper shipping name	
· ADR, ADN, IMDG, IATA	Not applicable
· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	Not applicable
· 14.4 Packing group	
· ADR, IMDG, IATA	Not applicable
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.

· *CLP "Model Regulation":*

Not applicable

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS07

- **Signal word** *Warning*
- **Hazard statements**
H315 Causes skin irritation.
H319 Causes serious eye irritation.
- **Precautionary statements**
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 Specific treatment (see on this label).
P362 Take off contaminated clothing and wash before reuse.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
- **National regulations:**
- **Other regulations, limitations and prohibitive regulations** *User to follow national laws and regulations.*
- **Substances of very high concern (SVHC) according to REACH, Article 57**
The ingredients of preparation are not listed as SVHC.
- **15.2 Chemical safety assessment:**
A Chemical Safety Assessment has not been carried out and shall be available at the time of REACH registration.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
R20/22 Harmful by inhalation and if swallowed.
R36/38 Irritating to eyes and skin.
- **Department issuing MSDS:** *Product safety department.*

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Sources

• REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

• Data from registered dossier for CAS: 108-78-1

<http://apps.echa.europa.eu/registered/data/dossiers/DISS-9c8039ea-8496-674c-e044-00144f67d249/AGGR-523b5ee5-9311-4b3d-b9bd-5360be42672e> DISS-9c8039ea-8496-674c-e044-00144f67d249.html

• Data from registered dossier for CAS: 88-19-7

<http://apps.echa.europa.eu/registered/data/dossiers/DISS-dbbdbb50-1f26-1e3a-e044-00144f67d031/DISS-dbbdbb50-1f26-1e3a-e044-00144f67d031> DISS-dbbdbb50-1f26-1e3a-e044-00144f67d031.html

• MSDS of Fisher Scientific

<http://130.15.90.245/Chin-Sang%20Lab%20MSDS/Fisher/Paraformaldehyde.pdf>

• Data from RTECS for CAS: 30525-89-4

<http://www.drugfuture.com/toxic/q86-q475.html>

• Data from IFA Gestis for CAS: 30525-89-4

<http://gestis-en.itrust.de/nxt/gateway.dll/gestis/en/000000.xml?f=templatesfn=default.htmvid=gestiseng:sdbeng3.0>

• * Data compared to the previous version altered.

• Section 2: Hazard Identification – Changes in classification and Labeling

• Section 4: First-aid measures

• Section 5: Fire Fighting Measures

• Section 6: Accidental Release Measures

• Section 7: Handling and Storage

• Section 8: Exposure Controls / Personal Protection

• Section 9: Physical and Chemical Properties

• Section 10: Stability and Reactivity

• Section 11: Toxicological Information

• Section 12: Ecological Information

• Section 12: Disposal Considerations

• Section 15: Regulatory Information