

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: Eyebrow- & Eyelash Dye

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

General use: Cosmetics

1.3 Details of the supplier of the safety data sheet

Company name: TITANIA® FABRIK GMBH

Street/POB-No.: Fortunastrasse 10 - 14

Postal Code, city: 42489 Wülfrath

Germany

WWW: <http://www.titania-fabrik.de>

Telephone: +49 (0) 20 58 / 8 92 88 - 0

Telefax: +49 (0) 20 58 / 8 92 88 - 60

Dept. responsible for information:

Telephone: +49 (0) 20 58 / 8 92 88 - 0, E-mail: sales@titania-fabrik.de

1.4 Emergency telephone number

Department QA, Telephone: +49 (0) 20 58 / 8 92 88 - 43

Only available during office hours.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

This product is not subject to classification according hazardous material regulations.
Provisions for cosmetics apply.

2.2 Label elements

Labelling (67/548/EEC or 1999/45/EC)

S phrase(s):	S 2	Keep out of the reach of children.
	S 13	Keep away from food, drink and animal feedingstuffs.
	S 24	Avoid contact with skin.
	S 46	If swallowed, seek medical advice immediately and show this container or label.
	S 61	Avoid release to the environment. Refer to special instructions/Safety data sheets.
	S 64	If swallowed, rinse mouth with water (only if the person is conscious).

Special labelling

Text for labelling: Contains P-Phenylenediamine.

2.3 Other hazards

Harmful if swallowed.
May cause sensitisation by skin contact.
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 3: Composition / information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Hazardous ingredients:

Ingredient	Designation	Content	Classification
EC No. 203-404-7 CAS 106-50-3	p-Phenylenediamine	< 5 %	DSD/DPD: Xi; R36. Sens.; R43. N; R50-53. T; R23/24/25. CLP: Acute Tox. 3; H301. Acute Tox. 3; H311. Acute Tox. 3; H331. Eye Irrit. 2; H319. Skin Sens. 1; H317. Aquatic Acute 1; H400. Aquatic Chronic 1; H410.
EC No. 273-258-7 CAS 68955-20-4	Sulfuric acid, mono-C16-18-alkyl esters, sodium salts	< 2 %	DSD/DPD: Xi; R36/38. CLP: Skin Irrit. 2; H315. Eye Irrit. 2; H319. Aquatic Chronic 3; H412.
EC No. 209-711-2 CAS 591-27-5	3-Aminophenol	< 1 %	DSD/DPD: N; R51-53. Xn; R20/22. CLP: Acute Tox. 4; H302. Acute Tox. 4; H332. Aquatic Chronic 2; H411.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:	At Processing: development of gases/vapours possible.
In case of inhalation:	When vapours form: Provide fresh air. Seek medical attention.
In case of skin contact:	Remove residues with soap and water. Change contaminated clothing. In case of skin reactions, consult a physician.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.
After swallowing:	Rinse mouth thoroughly with water. Repeatedly drink water. Never give anything by mouth to an unconscious person. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:	Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.
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5.2 Special hazards arising from the substance or mixture

Under fire conditions, a small quantity of poisonous vapours may develop.

5.3 Advice for firefighters

Special protective equipment for firefighters:	In case of surrounding fires: Wear a self-contained breathing apparatus and chemical protective clothing.
Additional information:	Hazchem-Code: 2Z Do not allow fire water to penetrate into surface or ground water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid contact with skin and eyes.
Wear protective equipment. Keep away from unprotected people.

6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains.

6.3 Methods and material for containment and cleaning up

Soak up with absorbent materials such as sand, siliceous earth, acid- or universal binder.
Store in special closed containers and dispose of according to ordinance. Wash spill area with plenty of water.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: Avoid contact with skin and eyes. Provide adequate ventilation.
At Processing: Do not breathe vapours. When using do not eat or drink.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Store at room temperature. Keep container in a well-ventilated place.

Hints on joint storage: Keep away from food, drink and animal feedingstuffs.

Storage class: 13 = Non-combustible solids

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
106-50-3	p-Phenylenediamine	Great Britain: WEL-TWA Ireland: 8 hours	0.1 mg/m ³ 0.1 mg/m ³

Additional information: P-Phenylenediamine: embedded in the product.

8.2 Exposure controls

Provide good ventilation and/or an exhaust system in the work area.

Personal protection equipment

Occupational exposure controls

Respiratory protection: Respiratory protection must be worn whenever the WEL levels have been exceeded.
Use filter type A (= against vapours of organic substances) according to EN 14387.

Hand protection: Protective gloves according to EN 374.
Glove material: Nitrile rubber-Breakthrough time: >480 min.
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Recommendation: Tightly sealed goggles according to EN 166.

Body protection: Recommendation: Wear suitable protective clothing.

General protection and hygiene measures:

Avoid contact with skin and eyes. Change contaminated clothing.

At Processing:

Do not breathe vapours. When using do not eat or drink.

Wash hands before breaks and after work.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Form: pasty Colour: black
Odour:	characteristic
Odour threshold:	no data available
pH value:	6.5 - 8.5
Melting point/freezing point:	no data available
Initial boiling point and boiling range:	no data available
Flash point/flash point range:	not combustible
Evaporation rate:	no data available
Flammability:	no data available
Explosion limits:	no data available
Vapour pressure:	at 100 °C: (P-Phenylenediamine) 1.44 hPa
Vapour density:	no data available
Density:	0.96 - 1.00 g/cm ³
Solubility:	no data available
Partition coefficient: n-octanol/water:	no data available
Auto-ignition temperature:	no data available
Thermal decomposition:	no data available
Viscosity, dynamic:	no data available
Explosive properties:	no data available
Oxidizing characteristics:	no data available

9.2 Other information

Additional information: no data available

SECTION 10: Stability and reactivity

10.1 Reactivity

refer to 10.3

10.2 Chemical stability

Product is stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions are known.

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

Under fire conditions, a small quantity of poisonous vapours may develop.
Thermal decomposition: no data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological effects: Acute toxicity (oral): Acute Tox. 4; H302 = Harmful if swallowed.
Acute toxicity (dermal): Lack of data.
Acute toxicity (inhalative): Lack of data.
Skin corrosion/irritation: Lack of data.
Eye damage/irritation: Lack of data.
Sensitisation to the respiratory tract: Lack of data.
Skin sensitisation: Skin Sens. 1; H317 = May cause an allergic skin reaction.
Germ cell mutagenicity/Genotoxicity: Lack of data.
Carcinogenicity: Lack of data.
Reproductive toxicity: Lack of data.
Effects on or via lactation: Lack of data.
Specific target organ toxicity (single exposure): Lack of data.
Specific target organ toxicity (repeated exposure): Lack of data.
Aspiration hazard: Lack of data.

Symptoms

In case of inhalation: When vapours form: Harmful by inhalation.
In case of ingestion: Harmful
After contact with skin: P-Phenylenediamine: Danger of cutaneous absorption.
After eye contact: May cause irritations.

General remarks

P-Phenylenediamine: Danger of cutaneous absorption.
LD50 Rat, oral: 80 mg/kg (IUCLID)
LD50 Rabbit, dermal: > 7940 mg/kg
LD50 Rat, inhalative: 0,92 mg/L/4 h (RTECS).

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Information about P-Phenylenediamine:
Algae toxicity: LC50: 0,28 mg/L/96 h
Daphnia toxicity: EC50: 0,28 mg/L/48 h (IUCLID)
Fish toxicity:
LC50 Phoxinus phoxinus (fathead minnow): 0,028 mg/L/96 h
LC50 Rainbow trout: 3,9 mg/L /96 h
LC50 Pimephales promelas: 0,06 mg/L/96 h (IUCLID).

12.2. Persistence and degradability

Further details: no data available

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:
no data available

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

no data available

12.6 Other adverse effects

General information: Do not allow to penetrate into soil, waterbodies or drains.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number: 07 06 01* = Wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics.

* = Evidence for disposal must be provided.

Recommendation: Dispose of waste according to applicable legislation.
Do not allow product to reach sewage system.

Contaminated packaging

Waste key number: 15 01 02 = Plastic packaging.

Recommendation: Dispose of waste according to applicable legislation.
Non-contaminated packages may be recycled.

SECTION 14: Transport information

14.1 UN number

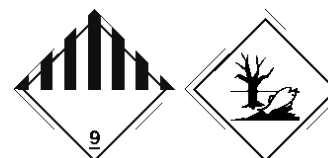
ADR/RID, IMDG, IATA: 3077

14.2 UN proper shipping name

ADR/RID, IMDG, IATA: UN 3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(P-Phenylenediamine)

14.3 Transport hazard class(es)

ADR/RID: Class 9, Code: M7
IMDG: Class 9, Subrisk -
IATA: Class 9



14.4 Packing group

ADR/RID, IMDG, IATA: III

14.5 Environmental hazards

Marine pollutant: Yes

14.6 Special precautions for user

Land transport (ADR/RID)

Warning board:	ADR/RID: Kemmler-number 90, UN number 3077
Hazard label:	9
Special provisions:	274 335 375 601
Limited quantities:	5 kg
EQ:	E1
Contaminated packaging - Instructions:	P002 IBC08 LP02 R001
Contaminated packaging - Special provisions:	PP12 B3
Special provisions for packing together:	MP10
Portable tanks - Instructions:	T1 BK1 BK2
Portable tanks - Special provisions:	TP33
Tank coding:	SGAV LGBV
Tunnel restriction code:	E

Sea transport (IMDG)

EmS:	F-A, S-F
Special provisions:	274, 335, 966, 967
Limited quantities:	5 kg
EQ:	E1
Contaminated packaging - Instructions:	P002, LP02
Contaminated packaging - Provisions:	PP12
IBC - Instructions:	IBC08
IBC - Provisions:	B3
Tank instructions - IMO:	-
Tank instructions - UN:	T1, BK2, BK2, BK3
Tank instructions - Provisions:	TP33
Stowage and segregation:	Category A. When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9.
Properties and observations:	-
Segregation group:	none

Air transport (IATA)

Hazard:	Miscellaneous
EQ:	E1
Passenger Ltd.Qty.:	Pack.Instr. Y956 - Max. Net Qty/Pkg. 30 kg G
Passenger:	Pack.Instr. 956 - Max. Net Qty/Pkg. 400 kg
Cargo:	Pack.Instr. 956 - Max. Net Qty/Pkg. 400 kg
Special Provisioning:	A97 A158 A179 A197
ERG:	9L

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

no data available

SECTION 15: Regulatory information

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

National regulations - Great Britain

Hazchem-Code: 2Z

National regulations - EC member states

Labelling of packaging with <= 125mL content

R phrase(s):	R 43	May cause sensitisation by skin contact.
	R 50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S phrase(s):	S 2	Keep out of the reach of children.
	S 13	Keep away from food, drink and animal feedingstuffs.
	S 24	Avoid contact with skin.
	S 46	If swallowed, seek medical advice immediately and show this container or label.
	S 61	Avoid release to the environment. Refer to special instructions/Safety data sheets.
	S 64	If swallowed, rinse mouth with water (only if the person is conscious).

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16: Other information

Further information

Wording of the H-phrases under paragraph 2 and 3:

H301 = Toxic if swallowed.
H302 = Harmful if swallowed.
H311 = Toxic in contact with skin.
H315 = Causes skin irritation.
H317 = May cause an allergic skin reaction.
H319 = Causes serious eye irritation.
H331 = Toxic if inhaled.
H332 = Harmful if inhaled.
H400 = Very toxic to aquatic life.
H410 = Very toxic to aquatic life with long lasting effects.
H411 = Toxic to aquatic life with long lasting effects.
H412 = Harmful to aquatic life with long lasting effects.

Wording of the R-phrases under section 2 and 3:

R 20/22 = Harmful by inhalation and if swallowed.
R 22 = Harmful if swallowed.
R 23/24/25 = Toxic by inhalation, in contact with skin and if swallowed.
R 36 = Irritating to eyes.
R 36/38 = Irritating to eyes and skin.
R 43 = May cause sensitisation by skin contact.
R 50/53 = Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 51/53 = Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Reason of change: ADR 2015, IATA 2015

Date of first version: 30/1/2011

Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.