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SAFETY DATA SHEET

Product Code: MINIETINTBR

SECTION 1 PRODUCT IDENTIFICATION

1.1. Product identifier

eyelash and eyebrow tint PL profi

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

Use of the substance/mixture

Cosmetics, Colorants for eyebrows

Uses advised against

Any non-intended use.

Further Information

This product is subject to the cosmetic regulation. This sheet was prepared on a voluntary basis.

SECTION 2 HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:
Acute toxicity: Acute Tox. 4
Serious eye damage/eye irritation: Eye Irrit. 2
Respiratory or skin sensitisation: Skin Sens. 1
Germ cell mutagenicity: Muta. 2
Specific target organ toxicity - single exposure: STOT SE 2
Hazardous to the aquatic environment: Aquatic Chronic 2
Hazard Statements:
Harmful if swallowed.
Causes serious eye irritation.
May cause an allergic skin reaction.
Suspected of causing genetic defects.
May cause damage to organs.
Toxic to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

p-phenylenediamine
[4-(2-hydroxyethoxy)-1,3-phenylene]diammonium sulphate
4-aminophenol
1,3-benzenediol, resorcinol

Signal word: Warning

Pictograms:

Hazard statements

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H341	Suspected of causing genetic defects.
H371	May cause damage to organs.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/container to local/regional/national/international regulations.

Additional advice on labelling

This product is subject to the cosmetic regulation. This sheet was prepared on a voluntary basis.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Hazardous components

CAS No	Chemical name		
	EC No	Index No	REACH No
	GHS Classification		
106-50-3	p-phenylenediamine		
	203-404-7	612-028-00-6	
	Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, Eye Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H331 H311 H301 H319 H317 H400 H410		
70643-20-8	[4-(2-hydroxyethoxy)-1,3-phenylene]diammonium sulphate		
	274-713-2		
	Acute Tox. 4, Eye Irrit. 2, Skin Sens. 1B, Aquatic Chronic 2; H302 H319 H317 H411		
123-30-8	4-aminophenol		
	204-616-2	612-128-00-X	
	Muta. 2, Acute Tox. 4, Acute Tox. 4, Aquatic Acute 1, Aquatic Chronic 1; H341 H332 H302 H400 H410		
108-46-3	1,3-benzenediol, resorcinol		
	203-585-2	604-010-00-1	01-2119480136-40
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1B, STOT SE 1, STOT SE 2, Aquatic Acute 1, Aquatic Chronic 3; H302 H315 H318 H317 H370 H371 H400 H412		

68955-20-4	Sulfuric acid, mono-C16-18-alkyl esters, sodium salts		
	273-258-7		01-2119956652-31
	Flam. Sol. 2, Skin Irrit. 2, Eye Dam. 1, STOT SE 3, Aquatic Chronic 3; H228 H315 H318 H335 H412		
112-72-1	Tetradecan-1-ol		
	204-000-3		
	Eye Irrit. 2, Aquatic Chronic 1; H319 H410		
141-86-6	2,6-Diaminopyridine		
	205-507-2		
	Acute Tox. 3, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H301 H315 H319 H335		
1336-21-6	ammonia ... %		
	215-647-6	007-001-01-2	
	Skin Corr. 1B, Aquatic Acute 1; H314 H400		
112-53-8	Dodecan-1-ol		
	203-982-0		
	Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 2; H319 H400 H411		

Full text of H and EUH statements: see section 16.

Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH)

SECTION 4 FIRST AID MEASURES

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Sand. Foam. Carbon dioxide (CO2). Extinguishing powder. In case of major fire and large quantities: Water spray jet. Water mist.

Unsuitable extinguishing media

High power water jet

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO2) Nitrogen oxides (NOx). Phosphorus oxides.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment (refer to section 8).

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Eliminate leaks immediately. Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter into soil/subsoil. If required, notify relevant authorities according to all applicable regulations.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal .
Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Safe handling: see section 7
Disposal: see section 13

SECTION 7 HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

Wear suitable protective clothing. (See section 8.)

Advice on protection against fire and explosion

Usual measures for fire prevention.

Further information on handling

Advices on general occupational hygiene: See section 8.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Only use containers specifically approved for the substance/product.
Make sure spills can be contained (e.g. sump pallets or kerbed areas).

Hints on joint storage

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

Further information on storage conditions

Recommended storage temperature: 20°C
Protect against: frost. UV-radiation/sunlight. heat. Humidity

7.3. Specific end use(s)

See section 1.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
7664-41-7	Ammonia, anhydrous	25	18		TWA (8 h)	WEL
		35	25		STEL (15 min)	WEL
108-46-3	Resorcinol	10	46		TWA (8 h)	WEL
		20	92		STEL (15 min)	WEL
106-50-3	p-Phenylenediamine	-	0.1		TWA (8 h)	WEL

DNEL/DMEL values

CAS No	Substance		
DNEL type	Exposure route	Effect	Value
68955-20-4	Sulfuric acid, mono-C16-18-alkyl esters, sodium salts		
Consumer DNEL, long-term	inhalation	systemic	85 mg/m³
Consumer DNEL, long-term	dermal	systemic	2440 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	24 mg/kg bw/day
Worker DNEL, long-term	inhalation	systemic	285 mg/m³
Worker DNEL, long-term	dermal	systemic	4060 mg/kg bw/day

PNEC values

CAS No	Substance
Environmental compartment	Value
68955-20-4	Sulfuric acid, mono-C16-18-alkyl esters, sodium salts
Freshwater	0,02 mg/l
Freshwater (intermittent releases)	0,028 mg/l
Marine water	0,002 mg/l
Freshwater sediment	6,75 mg/kg
Marine sediment	0,675 mg/kg
Micro-organisms in sewage treatment plants (STP)	550 mg/l
Soil	1,35 mg/kg

8.2. Exposure controls



Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.
Provide adequate ventilation.

Protective and hygiene measures

When using do not eat, drink or smoke.

Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible). DIN EN 166

Hand protection

In case of prolonged or frequently repeated skin contact:
Wear suitable gloves.
Suitable material:
FKM (fluororubber). - Thickness of glove material: 0,4 mm
Breakthrough time >= 8 h
Butyl rubber. - Thickness of glove material: 0,5 mm
Breakthrough time >= 8 h
CR (polychloroprenes, Chloroprene rubber). - Thickness of glove material: 0,5 mm
Breakthrough time >= 8 h
NBR (Nitrile rubber). - Thickness of glove material: 0,35 mm
Breakthrough time >= 8 h
PVC (Polyvinyl chloride). - Thickness of glove material: 0,5 mm
Breakthrough time >= 8 h
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Skin protection

Suitable protective clothing: Lab apron.
Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500 (D).

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.
Respiratory protection necessary at:
-Exceeding exposure limit values
-Insufficient ventilation. and aerosol or mist formation
Suitable respiratory protective equipment: particulates filter device (DIN EN 143). Type: P1-3
The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Environmental exposure controls

No information available.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	No information available.
Odour:	characteristic
pH-Value:	No information available.

Changes in the physical state

Melting point:	No information available.
Initial boiling point and boiling range:	No information available.
Sublimation point:	No information available.
Softening point:	No information available.
Pour point:	No information available.
Flash point:	No information available.
Sustaining combustion:	No data available

Flammability

Solid:	No information available.
Gas:	No information available.

Explosive properties

none

Lower explosion limits:	No information available.
Upper explosion limits:	No information available.
Ignition temperature:	No information available.

Auto-ignition temperature

Solid:	No information available.
Gas:	No information available.
Decomposition temperature:	No information available.

Oxidizing properties

none

Vapour pressure: (at 20 °C)	No information available.
Vapour pressure: (at 50 °C)	No information available.
Density (at 20 °C):	No information available.
Bulk density:	No information available.
Water solubility:	No information available.

Solubility in other solvents

No information available.

Partition coefficient:	No information available.
Viscosity / dynamic:	No information available.
Viscosity / kinematic:	No information available.
Flow time:	No information available.
Vapour density:	No information available.
Evaporation rate:	No information available.
Solvent separation test:	No information available.
Solvent content:	No information available.

9.2. Other information

Solid content:	No information available.

SECTION 10 STABILITY AND REACTIVITY

10.1. Reactivity

No information available.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

Refer to chapter 10.5.

10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicocinetics, metabolism and distribution

No information available.

Acute toxicity

Harmful if swallowed.

ATEmix calculated

ATE (oral) 1967,2 mg/kg

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
106-50-3	p-phenylenediamine				
	oral	LD50 75 mg/kg	Rat.	ECHA Dossier	OECD 420
	dermal	ATE 300 mg/kg			
	inhalation vapour	ATE 3 mg/l			
	inhalation (4 h) aerosol	LC50 0,92 mg/l	Rat.	ECHA Dossier	OECD 403
70643-20-8	[4-(2-hydroxyethoxy)-1,3-phenylene]diammonium sulphate				
	oral	ATE 500 mg/kg			
123-30-8	4-aminophenol				
	oral	LD50 671 mg/kg	Rat	ECHA Dossier	
	dermal	LD50 >2000 mg/kg	Rabbit	ECHA Dossier	
	inhalation vapour	ATE 11 mg/l			
	inhalation (4 h) aerosol	LC50 >3,42 mg/l	Rat	ECHA Dossier	
108-46-3	1,3-benzenediol, resorcinol				
	oral	LD50 (510) mg/kg	Rat	ECHA Dossier	
	dermal	LD50 >2000 mg/kg	Rabbit	ECHA Dossier	
	inhalation (1 h) aerosol	LC50 (7,8) mg/l	Rat	ECHA Dossier	
68955-20-4	Sulfuric acid, mono-C16-18-alkyl esters, sodium salts				
	oral	LD50 4010 mg/kg	Rat	UNEP Publications (1974)	
	dermal	LD50 > 2000 mg/kg	Rat	ECHA Dossier	OECD Guideline 402
112-72-1	Tetradecan-1-ol				
	oral	LD50 >5000 mg/kg	Rat	MSDS extern	
	dermal	LD50 >5000 mg/kg	Rabbit.	MSDS extern	

141-86-6	2,6-Diaminopyridine					
	oral	LD50 mg/kg	100	Rat.	RTECS	
1336-21-6	ammonia ... %					
	oral	LD50 mg/kg	(350)	Rat.	GESTIS	
	inhalation (4 h) vapour	LC50	(1,4) mg/l	Rat.	RTECS	

Irritation and corrosivity

Causes serious eye irritation.
Skin corrosion/irritation: Based on available data, the classification criteria are not met.
Sulfuric acid, mono-C16-18-alkyl esters, sodium salts:
Specific concentration limit (SCL):
Eye Irrit. 2: > 20 - =< 55
Eye Dam. 1: > 55
Skin Irrit. 2: > 55
STOT SE 3: > 55

Ammonia :
Specific concentration limit (SCL): Skin Irrit. 2: >=1 - <5

Sensitising effects

May cause an allergic skin reaction. (p-phenylenediamine; [4-(2-hydroxyethoxy)-1,3-phenylene]diammonium sulphate; 1,3-benzenediol, resorcinol)

Carcinogenic/mutagenic/toxic effects for reproduction

Suspected of causing genetic defects. (4-aminophenol)
Carcinogenicity: Based on available data, the classification criteria are not met.
Reproductive toxicity: Based on available data, the classification criteria are not met.
Tetradecan-1-ol:
In-vitro mutagenicity:
Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Result: negative. Literature information: ECHA Dossier

STOT-single exposure

May cause damage to organs. (1,3-benzenediol, resorcinol)

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12 ECOLOGICAL INFORMATION

12.1. Toxicity

The product has not been tested.

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] | [d]	Species	Source	Method
106-50-3	p-phenylenediamine						
	Acute fish toxicity	LC50	3,9 mg/l	96 h	Oncorhynchus mykiss	ECHA Dossier	OECD 203
	Acute algae toxicity	ErC50	0,478 mg/l	72 h	Pseudokirchnerella subcapitata	ECHA Dossier	OECD 201
	Acute crustacea toxicity	EC50	9,1 mg/l	48 h	Gammarus fasciatus	ECHA Dossier	
70643-20-8	[4-(2-hydroxyethoxy)-1,3-phenylene]diammonium sulphate						
	Acute algae toxicity	ErC50	36,5 mg/l	72 h	Pseudokirchnerella subcapitata	ECHA dossier	
	Acute crustacea toxicity	EC50	7,40 mg/l	48 h	Daphnia magna	ECHA dossier	
123-30-8	4-aminophenol						
	Acute fish toxicity	LC50	0,82 mg/l	96 h	Oryzias latipes	ECHA Dossier	OECD 203
	Acute algae toxicity	ErC50	>0,253 mg/l	72 h	Pseudokirchnerella subcapitata	ECHA Dossier	OECD 201
	Acute crustacea toxicity	EC50	0,182 mg/l	48 h	Daphnia magna	ECHA Dossier	OECD 202
	Fish toxicity	NOEC	0,55 mg/l	41 d	Oryzias latipes	ECHA Dossier	OECD 210
	Crustacea toxicity	NOEC	0,206 mg/l	21 d	Daphnia magna	ECHA Dossier	OECD 202
	Acute bacteria toxicity	(29,9 mg/l)		3 h	Activated sludge	ECHA Dossier	OECD 209
108-46-3	1,3-benzenediol, resorcinol						
	Acute fish toxicity	LC50	29,5 mg/l	96 h	Pimephales promelas	ECHA Dossier	
	Acute algae toxicity	ErC50	>97 mg/l	72 h	Pseudokirchnerella subcapitata	ECHA Dossier	
	Acute crustacea toxicity	EC50	1,0 mg/l	48 h	Daphnia magna	ECHA Dossier	
	Crustacea toxicity	NOEC	0,172 mg/l	21 d	Daphnia magna	ECHA Dossier	
	Acute bacteria toxicity	(79 mg/l)		3 h	Activated sludge	ECHA Dossier	

68955-20-4	Sulfuric acid, mono-C16-18-alkyl esters, sodium salts						
	Acute fish toxicity	LC50	5,2 mg/l	96 h	Danio rerio	ECHA Dossier	ISO 7346-1
	Acute algae toxicity	ErC50	57,6 mg/l	96 h	Desmodesmus subspicatus	Fat Sci. Technol. 90, 1: 32-38 (1988)	
	Acute crustacea toxicity	EC50	15 mg/l	48 h	Daphnia magna	ECHA Dossier	EU Method C.2
	Fish toxicity	NOEC	1,7 mg/l	14 d	Danio rerio	Fat Sci. Technol. 90, 1: 32-38 (1988)	
	Crustacea toxicity	NOEC	0,204 mg/l	7 d	Ceriodaphnia dubia	ECHA Dossier	EPA-600/489/001
112-72-1	Tetradecan-1-ol						
	Acute fish toxicity	LC50	>100 mg/l	96 h	Brachydanio rerio	MSDS extern	
	Acute algae toxicity	ErC50	10-100 mg/l		Scenedesmus subspicatus	MSDS extern	
	Acute crustacea toxicity	EC50	1-10 mg/l	48 h	Daphnia magna	MSDS extern	
1336-21-6	ammonia ... %						
	Acute fish toxicity	LC50	0,53 mg/l	96 h	Onchorhynchus mykiss		
	Acute crustacea toxicity	EC50	24 mg/l	48 h	Daphnia magna		
	Fish toxicity	NOEC	1,2 mg/l	61 d	Oncorhynchus gorbuscha		

12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
106-50-3	p-phenylenediamine			
	OECD Guideline 301 D	30%	28	ECHA Dossier
	Not easily bio-degradable (according to OECD-criteria).			
123-30-8	4-aminophenol			
	OECD 301C/ ISO 9408/ EEC 92/69/V, C.4-F	6%	28	ECHA Dossier
	Not readily biodegradable (according to OECD criteria)			
108-46-3	1,3-benzenediol, resorcinol			
	OECD 301C/ ISO 9408/ EEC 92/69/V, C.4-F	66,7%	10	ECHA Dossier

	Readily biodegradable (according to OECD criteria).			
68955-20-4	Sulfuric acid, mono-C16-18-alkyl esters, sodium salts			
	OECD 301D/ EEC 92/69/V, C.4-E	77%	30	ECHA-Dossier
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
106-50-3	p-phenylenediamine	-0.839 pH = 8,5
70643-20-8	[4-(2-hydroxyethoxy)-1,3-phenylene]diammonium sulphate	-0,54
123-30-8	4-aminophenol	-0,09
108-46-3	1,3-benzenediol, resorcinol	0,93
68955-20-4	Sulfuric acid, mono-C16-18-alkyl esters, sodium salts	-0,44
141-86-6	2,6-Diaminopyridine	0,25
1336-21-6	ammonia ... %	-1,38

BCF

CAS No	Chemical name	BCF	Species	Source
123-30-8	4-aminophenol	10-46	Cyprinus carpio	ECHA Dossier

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No information available.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation. Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.
Control report for waste code/ waste marking according to (EWC) European Waste Catalogue:

List of Wastes Code - residues/unused products

200127 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins containing hazardous substances; hazardous waste

List of Wastes Code - used product

200127 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins containing hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14 TRANSPORT INFORMATION

Land transport (ADR/RID)

14.1. UN number:	UN 3082
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (p-phenylenediamine, [4-(2-hydroxyethoxy)-1,3-phenylene]diammonium sulphate, 4-aminophenol)
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label:	9

Classification code:	M6
Special Provisions:	274 335 375 601
Limited quantity:	5 L
Excepted quantity:	E1
Transport category:	3
Hazard No:	90
Tunnel restriction code:	-

Inland waterways transport (ADN)

14.1. UN number:	UN 3082
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (p-phenylenediamine, [4-(2-hydroxyethoxy)-1,3-phenylene]diammonium sulphate, 4-aminophenol)
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label:	9

Classification code:	M6
Special Provisions:	274 335 375 601
Limited quantity:	5 L
Excepted quantity:	E1

Marine transport (IMDG)

14.1. UN number:	UN 3082
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (p-phenylenediamine, [4-(2-hydroxyethoxy)-1,3-phenylene]diammonium sulphate, 4-aminophenol)
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label:	9

Marine pollutant:	YES
Special Provisions:	274, 335, 969
Limited quantity:	5 L
Excepted quantity:	E1
EmS:	F-A, S-F

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:	UN 3082
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (p-phenylenediamine, [4-(2-hydroxyethoxy)-1,3-phenylene]diammonium sulphate, 4-aminophenol)
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label:	9

Special Provisions:	A97 A158 A197
Limited quantity Passenger:	30 kg G
Passenger LQ:	Y964
Excepted quantity:	E1
IATA-packing instructions - Passenger:	964
IATA-max. quantity - Passenger:	450 L
IATA-packing instructions - Cargo:	964
IATA-max. quantity - Cargo:	450 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes

Danger releasing substance: p-phenylenediamine, 4-aminophenol

14.6. Special precautions for user

Safe handling: see section 7
Personal protection equipment: see section 8

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not relevant

SECTION 15 REGULATORY INFORMATION

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

EU regulatory information

Restrictions on use (REACH, annex XVII):
Entry 3: ammonia ... %

2010/75/EU (VOC):	not determined
2004/42/EC (VOC):	not determined
Information according to 2012/18/EU (SEVESO III):	E2 Hazardous to the Aquatic Environment

Additional information

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No 2019/957)
The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].
REACH 1907/2006 Appendix XVII, No (mixture): 3

National regulatory information

Employment restrictions:	Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
Water contaminating class (D):	3 - highly water contaminating

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:
Sulfuric acid, mono-C16-18-alkyl esters, sodium salts

SECTION 16 OTHER INFORMATION

Changes

Rev. 1.0; Initial release: 07.01.2020

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
AwSV: Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen
AGW: Arbeitsplatzgrenzwert
AVV: Abfallverzeichnisverordnung
CAS Chemical Abstracts Service
CLP: Classification, Labelling and Packaging of substances and mixtures
DNEL: Derived No Effect Level
d: day(s)
EAKV: Europäisches Abfallverzeichnis gemäß Entwurf Abfallverzeichnisverordnung

EINECS: European INventory of Existing Commercial chemical Substances
ELINCS: European LIst of Notified Chemical Substances
ECHA: European Chemicals Agency
EWC: European Waste Catalogue
IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)
h: hour
LOAEL: Lowest observed adverse effect level
LOAEC: Lowest observed adverse effect concentration
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
NOAEL: No observed adverse effect level
NOAEC: No observed adverse effect concentration
NLP: No-Longer Polymers
N/A: not applicable
OECD: Organisation for Economic Co-operation and Development
PNEC: predicted no effect concentration
PBT: Persistent bioaccumulative toxic
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
REACH: Registration, Evaluation, Authorisation of Chemicals
SVHC: substance of very high concern
TRGS Technische Regeln fuer Gefahrstoffe
UN: United Nations

VOC: Volatile Organic Compounds
VwVwS: Verwaltungsvorschrift wassergefaehrdender Stoffe
WGK: Wassergefaehrdungsklasse

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Acute Tox. 4; H302	Calculation method
Eye Irrit. 2; H319	Calculation method
Skin Sens. 1; H317	Calculation method
Muta. 2; H341	Calculation method
STOT SE 2; H371	Calculation method
Aquatic Chronic 2; H411	Calculation method

Relevant H and EUH statements (number and full text)

H228	Flammable solid.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

END OF SDS