

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Finepen Ink 1511

Print date: 24.07.2015

Product code: 100-008-706

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

1.1. Product identifier

Finepen Ink 1511

Further trade names

Recipe No.: 08/300/43

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

Use of the substance/mixture

Tinte in Schreibgerät

1.3. Details of the supplier of the safety data sheet

Supplier: Faber-Castell Australia Pty Ltd
15 Gibbon Road
Winston Hills NSW 2153
Toll Free: 1800 677 885
Free Fax: 1800 678 608
Email: enquiries@faber-castell.com.au

Further Information Obtainable From

Australian Emergency Telephone Number: Poisons Information Centre
Telephone: 131126

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Hazard categories:

Acute toxicity: Acute Tox. 4

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Respiratory or skin sensitisation: Skin Sens. 1

Specific target organ toxicity - repeated exposure: STOT RE 2

Hazardous to the aquatic environment: Aquatic Acute 1

Hazardous to the aquatic environment: Aquatic Chronic 1

Hazard Statements:

Harmful if swallowed.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

May cause damage to organs through prolonged or repeated exposure.

Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazardous components which must be listed on the label

2,2' -oxybisethanol, diethylene glycol

Tris[4-(diethylamino)phenyl]methylumacetate

NN-diethylaniline

Signal word: Warning

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Pictograms:



Hazard statements

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statements

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P330	Rinse mouth.
P302+P352	IF ON SKIN: Wash with plenty of water.
P321	Specific treatment (see ... on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.
P391	Collect spillage.
P501	Dispose of contents/container to

2.3. Other hazards

No data.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

chemical characterization (preparation)

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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
111-46-6	2,2' -oxybisethanol, diethylene glycol			20 - < 25 %
	203-872-2		01-2119457857-21	
	Acute Tox. 4, STOT RE 2; H302 H373			
63157-72-2	Tris[4-(diethylamino)phenyl]methylumacetate			1 - < 5 %
	263-974-8		01-2119502448-42	
	Acute Tox. 3, Skin Corr. 1B, Skin Sens. 1, STOT RE 1, Aquatic Acute 1 (M-Factor = 10), Aquatic Chronic 1 (M-Factor = 10); H301 H314 H317 H372 H400 H410			
68411-04-1	C.I. Solvent Blue 51			1 - < 5 %
	270-096-9			
	Aquatic Chronic 3; H412			
64-19-7	Acetic acid ... %			1 - < 5 %
	200-580-7	607-002-00-6	01-2119475328-30	
	Flam. Liq. 3, Skin Corr. 1A; H226 H314			
91-66-7	NN-diethylaniline			< 1 %
	202-088-8	612-054-00-8		
	Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, STOT RE 2, Aquatic Chronic 2; H331 H311 H301 H373 ** H411			

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated clothing immediately and dispose off safely.
If victim is at risk of losing consciousness, position and transport on their side.
Turn a vomiting person to the side.

After inhalation

Provide fresh air.
Call a physician if symptoms develop or persist.

After contact with skin

Wash immediately with soap and plenty of water.
Use appropriate skin protective cream afterwards.
In case of prolonged skin irritation consult a physician.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. Medical treatment necessary.

After ingestion

Drink large amounts of water and fresh air.

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

No data.

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

No data.

SECTION 5: Firefighting measures

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5.1. Extinguishing media

Suitable extinguishing media

none, ink not burnable.
If packaging is burning:
Carbon dioxide (CO₂). Extinguishing powder. Water spray.
large fire: Water spray.

5.2. Special hazards arising from the substance or mixture

none known

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information

Suppress gases/vapours/mists with water spray jet. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Wear personal protection equipment. Safety glasses. Gloves.
Keep away unguarded persons.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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.

6.4. Reference to other sections

Information for safe handling, see section 7.
Information for personal protective equipment, see section 8.
Information for disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep container tightly closed.
Handle and open container with care.
Secure an adequate ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Ink: Protect from freezing.
Recommended storage temperature: 5 - 35 °C

Advice on storage compatibility

not necessary

Further information on storage conditions

Do not mix with Alkali.

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
111-46-6	2,2'-Oxydiethanol	23	101		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
64-19-7	Acetic acid	10	25		TWA (8 h)	EU
		15	37		STEL (15 min)	EU

Additional advice on limit values

Refer to chapter 7. No further action is necessary.

8.2. Exposure controls

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink. The chemicals in dealing with the usual precautions must be observed.

Eye/face protection

Safety glasses.

Hand protection

Wear suitable gloves.

Respiratory protection

not necessary

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid
 Colour: all
 Odour: slightly

Test method

pH-Value: 4,4

Changes in the physical state

Melting point: 0 °C
 Initial boiling point and boilingrange: 100 °C
 Sublimation point: No data.
 Softening point: No data.
 Pour point: No data.
 : No data.
 Flash point: > 100 °C

Flammability

Solid: No data.
 Gas: No data.

Explosive properties

not Explosive.

Lower explosion limits: No data.
 Upper explosion limits: No data.
 Ignition temperature: No data.

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Auto-ignition temperature

Solid: No data.
Gas: No data.

Decomposition temperature: No data.

Oxidizing properties

Flammability: > 300 °C

Vapour pressure:
(at 20 °C) ca. 60 hPa

Vapour pressure: No data.

Density (at 20 °C): 1 g/cm³

Bulk density: No data.

Water solubility: complete miscible

Solubility in other solvents

Soluble in: Acetone, Ethanol

Partition coefficient: No data.

Viscosity / dynamic:
(at 20 °C) 3,3 mPa·s

Viscosity / kinematic: No data.

Flow time: No data.

Vapour density: No data.

Evaporation rate: No data.

Solvent separation test: No data.

Solvent content: 25,03 %

9.2. Other information

Solid content: 5,16 %

Miscible with: water.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data.

10.2. Chemical stability

document proof

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Hazardous reactions: Not known.

10.5. Incompatible materials

Alkalis (alkalis).

10.6. Hazardous decomposition products

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Not known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

LD50: > 4000 mg/kg (Acute toxicity, oral, Rat calculated)

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ATEmix calculated

ATE (oral) 1320,5 mg/kg

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
111-46-6	2,2' -oxybisethanol, diethylene glycol				
	oral	ATE	500 mg/kg		
	dermal	LD50	11890 mg/kg	Kaninchen	
63157-72-2	Tris[4-(diethylamino)phenyl]methylumacetate				
	oral	ATE	100 mg/kg		
64-19-7	Acetic acid ... %				
	oral	LD50	3310 mg/kg	Ratte	GESTIS
91-66-7	NN-diethylaniline				
	oral	ATE	100 mg/kg		
	dermal	ATE	300 mg/kg		
	inhalative vapour	ATE	3 mg/l		
	inhalative aerosol	ATE	0,5 mg/l		

Irritation and corrosivity

Irritant effect on the eye: Slight irritation possible

Irritant effect on the skin: none known

Sensitising effects

May cause sensitisation by skin contact.

Additional information on tests

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h] [d]	Species	Source
111-46-6	2,2' -oxybisethanol, diethylene glycol					
	Acute fish toxicity	LC50	> 32000 mg/l	96 h	Gambusia affinis	
64-19-7	Acetic acid ... %					
	Acute crustacea toxicity	EC50	65 mg/l	48 h	Daphnia magna	Janssen et al

12.2. Persistence and degradability

No data.

12.3. Bioaccumulative potential

No data.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
111-46-6	2,2' -oxybisethanol, diethylene glycol	-1,98 (25°C)
64-19-7	Acetic acid ... %	-0,17

12.4. Mobility in soil

No data.

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12.5. Results of PBT and vPvB assessment

No data.

12.6. Other adverse effects

No data.

Further information

Do not allow to enter into surface water or drains. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Dispose of waste according to applicable legislation. Waste disposal according to official state regulations and local regulations.

German Waste Catalogue - Waste code: 080103

Disposal identification: Water-based colours

Water-based inks

Contaminated packaging

Contaminated packaging must be completely emptied and can be re-cycled following appropriate cleaning.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number:	UN3082
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tris[4-(diethylamino)phenyl]methylumacetate)
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label:	9
Classification code:	M6

Inland waterways transport (ADN)

14.1. UN number:	UN3082
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tris[4-(diethylamino)phenyl]methylumacetate)
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label:	9
Classification code:	M6

Marine transport (IMDG)

14.1. UN number:	UN3082
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tris[4-(diethylamino)phenyl]methylumacetate)
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label:	9

Air transport (ICAO)

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14.1. UN number:

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14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Tris[4-(diethylamino)phenyl]methylumacetate)

14.3. Transport hazard class(es):

9

14.4. Packing group:

III

Hazard label:

9

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes
Danger releasing substance: Tris[4-(diethylamino)phenyl]methylumacetat
N,N-Diethylanilin

14.6. Special precautions for user

No special measures are necessary.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

2010/75/EU (VOC): 1,033 % (10,325 g/l)

2004/42/EC (VOC): 25,033 % (250,325 g/l)

National regulatory information

Water contaminating class (D): 2 - water contaminating

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information**Relevant H- and EUH-phrases (Number and full text)**

H226	Flammable liquid and vapour.
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.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs (...) through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
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.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)