



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Atomic Tattoo Ink - all shades

Print date: 20.12.2013

Product code: FEXX

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

##### After inhalation

Provide fresh air.

##### After contact with skin

Wash with plenty of water. Change contaminated clothing.

##### After contact with eyes

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

##### After ingestion

Rinse mouth immediately and drink plenty of water.

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

Allergic anaphylactic shock.

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

Regulation of the blood circulation, possible shock treatment.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Water. Carbon dioxide (CO<sub>2</sub>). Foam. Extinguishing powder.

#### 5.2. Special hazards arising from the substance or mixture

Combustible. Vapours may form explosive mixtures with air.

#### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

##### Additional information

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition.

#### 6.2. Environmental precautions

Do not allow uncontrolled discharge of product into the environment. Explosion hazard.

#### 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

No special environmental protection measures are necessary.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

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### Advice on protection against fire and explosion

Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharge. Vapours may form explosive mixtures with air.

### Further information on handling

Recommended storage temperature: 5°C - 35°C

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from sources of ignition.  
- No smoking.

#### Advice on storage compatibility

Do not store together with: Material, rich in oxygen, oxidizing.

### 7.3. Specific end use(s)

Observe instructions for use.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
56-81-5	Glycerol, mist	-	10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

### 8.2. Exposure controls

#### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

#### Protective and hygiene measures

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

#### Eye/face protection

Eye protection: not applicable.

#### Hand protection

Hand protection: not required.

#### Skin protection

Body protection: not applicable.

#### Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state: liquid  
 Colour: whitish  
 Odour: characteristic

#### Test method

pH-Value (at 20 °C): 7,7

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### Changes in the physical state

Melting point:	No data available
Initial boiling point and boiling range:	78 °C
Sublimation point:	No data available
Softening point:	No data available
Flash point:	42 °C

### Flammability

Solid:	No data available
Gas:	No data available
Lower explosion limits:	3,5 vol. %
Upper explosion limits:	15 vol. %
Ignition temperature:	95 °C

### Auto-ignition temperature

Solid:	No data available
Gas:	No data available

### Oxidizing properties

Alcohol

Vapour pressure: (at 20 °C)	58 hPa
Vapour pressure: (at 50 °C)	293 hPa
Density (at 20 °C):	1,6 g/cm <sup>3</sup>
Bulk density:	No data available
Water solubility:	No data available

### Solubility in other solvents

No data available

Partition coefficient:	No data available
Viscosity / dynamic:	No data available
Viscosity / kinematic:	No data available
Flow time:	No data available
Vapour density:	No data available
Evaporation rate:	No data available
Solvent separation test:	No data available
Solvent content:	22,90 %

### 9.2. Other information

Solid content:	40
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No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Ignition hazard.

### 10.2. Chemical stability

No data available

### 10.3. Possibility of hazardous reactions

No data available

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**10.4. Conditions to avoid**

Keep away from heat. Ignition hazard.

**10.5. Incompatible materials**

No data available

**10.6. Hazardous decomposition products**

No data available

## SECTION 11: Toxicological information

**11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

No information available.

**Acute toxicity**

There are no data available on the preparation/mixture itself.

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
25322-68-3	PEG-8				
	oral	LD50	2000 mg/kg	Ratte	

**Irritation and corrosivity**

Not an irritant.

**Sensitising effects**

not sensitising.

**STOT-single exposure**

No information available.

**Severe effects after repeated or prolonged exposure**

No information available.

**Carcinogenic/mutagenic/toxic effects for reproduction**

No indications of human carcinogenicity exist.

No indications of human germ cell mutagenicity exist.

No indications of human reproductive toxicity exist.

**Aspiration hazard**

No information available.

**Specific effects in experiment on an animal**

The components in this formulation do not meet the criteria for classification as CMR category 1 or 2.

**Additional information on tests**

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

**Practical experience****Observations relevant to classification**

No information available.

**Other observations**

No information available.

**Further information**

Summarized evaluation of the CMR properties: The components in this formulation do not meet the criteria for classification as CMR category 1 or 2.

## SECTION 12: Ecological information

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### 12.1. Toxicity

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility , will not disturb the biodegradability of activated sludge.

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

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

No data available

### Further information

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

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

#### Waste disposal number of waste from residues/unused products

200128 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 other than those mentioned in 20 01 27

#### Waste disposal number of used product

200128 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 other than those mentioned in 20 01 27

#### Waste disposal number of contaminated packaging

200128 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 other than those mentioned in 20 01 27

#### Contaminated packaging

Water (with cleaning agent). Completely emptied packages can be recycled.

## SECTION 14: Transport information

### Land transport (ADR/RID)

**14.1. UN number:** Not classified for this carrier.

**14.2. UN proper shipping name:** Not classified for this carrier.

**14.3. Transport hazard class(es):** No

**14.4. Packing group:** No

#### Other applicable information (land transport)

No dangerous good in sense of this transport regulation.  
Not restricted

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**Inland waterways transport (ADN)**

- 14.1. UN number:** Not classified for this carrier.  
**14.2. UN proper shipping name:** Not classified for this carrier.  
**14.3. Transport hazard class(es):** No  
**14.4. Packing group:** No

**Other applicable information (inland waterways transport)**

Not restricted

**Marine transport (IMDG)**

- 14.1. UN number:** Not classified for this carrier.  
**14.2. UN proper shipping name:** Not classified for this carrier.  
**14.3. Transport hazard class(es):** No  
**14.4. Packing group:** -

**Other applicable information (marine transport)**

Not restricted

**Air transport (ICAO)**

- 14.1. UN number:** Not classified for this carrier.  
**14.2. UN proper shipping name:** Not classified for this carrier.  
**14.3. Transport hazard class(es):** No  
**14.4. Packing group:** -

**Other applicable information (air transport)**

No dangerous good in sense of this transport regulation.

Not restricted

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

**14.6. Special precautions for user**

No

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

No

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

1999/13/EC (VOC): 22,9 % (366,4 g/l)

**National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Changes**

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Validity period: EC member states, Switzerland, Turkey, Russia, Croatia

**Full text of R phrases referred to under Sections 2 and 3**

10 Flammable.

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36 Irritating to eyes.

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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.)*