

**Material Safety Data Sheet (MSDS)  
Directive 88/379/EEC (91/155/EEC)**

Printing date: 12-09-2009  
Reviewed on: n/a



**J & Maya ; Denmark**

**1. Identification of the Substance/Preparation and the Company/Undertaking**

**Substance or preparation trade name:** UV invisible ink

**Unique reference:** QD12

:

**Company/undertaking name & address:**

**J & Maya**  
**Holme Møllevej 120**  
**8270 Højbjerg**  
**Denmark**

**Telephone:** (+45) 65746674

**Emergency telephone number:** (+45) 50548855

**2. Composition**

**Substance:** Ethyl alcohol - C<sub>2</sub>H<sub>5</sub>OH

**CAS number:** 64-17-5

**EINECS number:** 200-578-6

**Classification:** F , R11

**Substance:** Ionized water - H<sub>2</sub>O

**CAS number:** 7732-18-5

**EINECS number:** 231-791-2

**Substance:** Fluorescent agents

**% content:** Under 4%

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**3. Hazards Identification**

**Most important hazards:**

Highly flammable

**Specific hazards:**

Combustible vapors heavier than air.

Take measures to prevent electrostatic charges.

**4. First aid measures**

**Inhalation:**

Breathe fresh air

**Skin contact:**

On irritation –

Wash skin promptly with soap or mild detergent and water.

**Eye contact:**

Damaging - if large amount is splashed into eyes.

Wash eyes promptly with plenty of water,  
for 15 minutes while lifting the eye lids.

Get medical attention.

**Ingestion:**

Wash mouth thoroughly, and drink plenty of water

Do not induce vomiting.

Get medical attention immediately

**5. Fire fighting measures**

**Suitable extinguishing media:**

Water, foam, CO<sub>2</sub>, sand, powder

**Special hazards in fire:**

Hazardous decomposition products:

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

**6. Accidental release measures**

**Personal precautions:** Do not inhale vapors.

Ventilate well. Shut off or remove all possible sources of ignition

**Methods for cleaning:** Absorb small quantities with paper towels  
and evaporate in safe place.

**Environmental precautions:** Do not drain.

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## 7. Handling and storage

**Handling:** Keep away from heat, sparks and open flame.  
Avoid spilling and eye contact.  
Ventilate well, avoid breathing vapors.

**Storage:** Flammable/combustible.  
Keep away from oxidizers, heat and flames.  
May attack some plastics, rubber and coatings.  
Keep in cool, dry, ventilated storage and closed containers.

## 8. Exposure Controls

**Eye protection:** Protect eyes with goggles.

**Hygiene measures:** Standard measures for chemical handling.

## 9. Physical and chemical properties

**Appearance:** Liquid

**Color:** Transparent yellow

**Odor:** Characteristic

**pH:** ~7,5

**Boiling point:** ~68 (°C)

**Flashpoint:** ~23 (°C)

**Solubility:** Miscible with water.  
Soluble in most organic solvents.

## 10. Stability and reactivity

**Stability:** Normally stable

**Conditions to avoid:** Heat, sparks, flames

**Materials to avoid:** Strong acid and alkaline

## 11. Toxicological information

**Inhalation:** Vapor inhalation may cause headaches and nausea.

## 12. Ecological information

Biodegradable and has not been shown to interfere with waste water treatment plants.

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### 13. Disposal Considerations

If greatly diluted with water, it may run into process drains  
Dispose of in accordance with local authority requirements.

### 14. Transport information

#### DOT regulations

Hazard class: 3  
Identification number: UN1263  
Packing group: II  
Label: 3  
Proper shipping name: Paint

#### Land transport ADR/RID (cross-border)

ADR/RID class: 3 Flammable liquids  
Item: 3b  
Danger code: 33  
UN-Number: 1263

#### Maritime transport IMDG

IMDG Class: 3.2  
Page: 3230  
UN Number: 1263  
Label: 3  
Packaging group: II  
EMS Number: F-E,S-E  
MFAG: 310  
Marine pollutant: No  
Proper shipping name: Paint

#### Air transport ICAO-TI and IATA-DGR

ICAO/IATA Class: 3  
UN/ID Number: 1263  
Label: 3  
Packaging group: II  
Proper shipping name: Paint

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**15. Regulatory information**



**Label for supply:** Highly Flammable  
**Risk phrases:** R-11 Highly flammable.  
**Safety phrases:**  
S-2 Keep out of the reach of children.  
S-7 Keep container tightly closed.  
S-16 Keep away from sources of ignition - No Smoking.  
S-51 Use only in well ventilated areas

**16. Other Information**

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

J & Maya does not guarantee the completeness and accuracy of the information, and accept no responsibility for any problems arising from using this information. Anyone taking this information to produce a Material Safety Data Sheet, should obtain independent verification of information contained herein, prior to publication.