

# MATERIAL SAFETY DATA SHEET

Catalogue N° : 143249 Printing date : 13/01/2007

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

1.1. Identification of the substance or preparation

**FOUNT SF 6111 ECDRY 25KG**

1.2. Use of the substance/preparation  
Fountain additive for offset printing.

1.3. Company/undertaking identification

FUJIFILM Europe NV  
EUROPARK-NOORD 21-22  
9100 Sint-Niklaas, Belgium  
TEL : +32 3 760 02 00  
FAX : +32 3 776 91 22

1.4. Emergency telephone  
+32 3 760 02 00

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Aqueous solution.

Components contributing to hazard:

w/w%	CAS N°	EINECS N°	Chemical Name Symb.R-phrases
1-5	107-21-1	203-473-3	ETHANEDIOL Xn R:22
<0,01	26172-55-4	247-500-7	5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE T N R:23/24/25-34-43-50/53
<0,01	2682-20-4	220-239-6	2-METHYL-2H-ISOTHIAZOL-3-ONE T N R:23/25-34-43-50

## 3. HAZARDS IDENTIFICATION

Most important hazards :

May cause sensitization by skin contact.

## 4. FIRST AID MEASURES

Eye contact

Irrigate with flowing water immediately and continuously for 15 minutes.  
Consult medical personnel.

Skin contact

Immediately flush with plenty of water for at least 15 minutes while  
removing contaminated clothing

Ingestion

Consult a physician or transport to emergency facility immediately

Inhalation

Remove to fresh air. Consult a physician.

Further information

Overexposure may lead to allergic skin reactions with sensitized people. In  
this case, seek medical advice.

## **5. FIRE-FIGHTING MEASURES**

- 5.1. Suitable extinguishing media:  
Water.  
Water fog, carbon dioxide, foam, dry chemicals.
- 5.2. Extinguishing media to avoid:  
None under normal conditions.
- 5.3. Further information:  
Keep containers cool by spraying with water.

## **6. ACCIDENTAL RELEASE MEASURES**

- Wear adequate personal protective equipment, see section 8 ( exposure control / personal protection ).
- Spills should be contained by and carried with suitable absorbent material and removed from disposal.
- Dispose of according to local and national regulations.
- Prevent from entering into soil, waterways and groundwater.

## **7. HANDLING AND STORAGE**

- 7.1. Handling  
Avoid eye and skin contact. Wash hands and exposed skin before eating, drinking or smoking and after work. Use only in a well ventilated area. Ingestion, exposure to skin and eyes and inhalation of any generated vapours should be avoided. Wear suitable protective clothing, gloves and eye/face protection. Do not consume or store food in the working area.
- 7.2. Storage  
Keep containers tightly closed. Store in a well ventilated, cool, dry area.  
Storage class : 12 (VCI storage system).

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- 8.1. Exposure limit values (INGREDIENTS INFORMATION)
- ETHANEDIOL  
MAK ( Deutschland, TRGS 900 ) = 10 ppm - 26 mg/m<sup>3</sup>
- 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE  
MAK ( Deutschland, TRGS 900 ) = 0,2 mg/m<sup>3</sup> (Mixture CIT/MIT 3:1)
- 2-METHYL-2H-ISOTHIAZOL-3-ONE  
MAK ( Deutschland, TRGS 900 ) = 0,2 mg/m<sup>3</sup> (Mixture CIT/MIT 3:1)
- 8.2. Exposure controls  
Respiratory protection: no respiratory protection needed under normal conditions. Good ventilation should be sufficient.  
Hand protection: use chemical resistant gloves. In case of prolonged immersion or frequently repeated contact use gloves made of the materials:  
nitrile rubber (thickness >= 0,38 mm, breakthrough time > 480 min)  
neoprene (thickness >= 0,65 mm, breakthrough time > 240 min).  
butyl rubber (thickness >= 0,36 mm, breakthrough time > 480 min)  
For intermittent splash protection corresponding gloves with breakthrough time > 60 min can be used.  
Avoid gloves made of : natural rubber.  
Eye protection: use chemical safety goggles. Eye wash fountain should be located in immediate work area.  
Other: appropriate protective clothing.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: Liquid
Colour	: Orange
Odour	: Mild
Boiling point/range	: ~ 100 °C
pH value (25°C)	: 4,90
Vapour pressure (20°C)	: ~ 23 mbar
Density (20°C) Kg/L	: 1,09
Solubility in water (25°C)	: Completely

## 10. STABILITY AND REACTIVITY

- 10.1. Conditions to avoid  
The product is stable under normal storage conditions.
- 10.2. Materials to avoid  
None.
- 10.3. Hazardous decomposition products  
None.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity (INGREDIENTS INFORMATION)

ETHANEDIOL		
LD50 (Oral Rat)	=	4700 mg/kg
LD50 (Dermal rabbit)	=	9530 mg/kg
5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE		
LD50 (Oral Rat)	=	NAV
2-METHYL-2H-ISOTHIAZOL-3-ONE		
LD50 (Oral Rat)	=	285 mg/kg
LD50 (Dermal rabbit)	=	> 2000 mg/kg

### Skin contact

May cause sensitization by skin contact.

## 12. ECOLOGICAL INFORMATION

### 12.1. Ecotoxicity (INGREDIENTS INFORMATION)

ETHANEDIOL		
LC50 (Goldfish, 48h)	=	> 10000 mg/l
5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE		
LC50 (Fish, 96 hours)	=	NAV
2-METHYL-2H-ISOTHIAZOL-3-ONE		
LC50 (Fish, 96 hours)	=	NAV

### 12.2. Mobility

not known

### 12.3. Persistence and Degradability

not known

### 12.4. Bioaccumulative potential

not known

### 12.5. Other adverse effects

## 13. DISPOSAL CONSIDERATIONS

Dispose of according to local and national regulations. Containers must be disposed of in accordance with local regulations.

EWC : 06 03 14 Solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13.

## 14. TRANSPORT INFORMATION

UN N° : - PSN : NON HAZARDOUS LIQUID

### ADR/RID

Class:NA	labels	:-	Pack. Group:-
Code :NA	TREMcard	:NA	Spec. Prov.:-
Pack. Inst.:-			Lim. Quant.:-

### IMDG

Class:NA	Subs. Risk :NA	Pack. Group:NA
EmS fire:NA	EmS Storage:NA	IBC. Inst. :-
Pack. Inst.:-		Lim. Quant.:- Mar.Poll:N

### ICAO/IATA

Class:NA	Subs. Risk :NA	Pack. Group:NA
Passenger and Cargo Aircraft.	Pkg Inst:NA	Max Net Qty/Pkg:NA
Cargo Aircraft Only	. Pkg Inst:NA	Max Net Qty/Pkg:NA
Ltd Qty	. Pkg Inst:-	Max Net Qty/Pkg:-

## **15. REGULATORY INFORMATION**

EU Classification and User Label Information:

Contains : 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE  
2-METHYL-2H-ISOTHIAZOL-3-ONE

Symbol(s) : Xi

R(isk) phrase(s) :

R43 : May cause sensitization by skin contact.

S(afety) phrase(s) :

S24 : Avoid contact with skin.

S37 : Wear suitable gloves.

Other information :

WGK: 1

Produktregistreringsnummer (DK): Under anmeldelse

BAG T n° (CH): 621 434

Toxicity class (CH): 4

## **16. OTHER INFORMATION**

The use of the preparation is restricted to professional users|  
The above mentioned data correspond to our present state of knowledge and  
experience. The safety data sheet serves as description of the products in  
regard to necessary safety measures. The indications have not the meaning  
of guarantees on properties.

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Date of issue: 03.10.2006

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RISK PHRASES MENTIONED IN PARAGRAPH 2:

R22 : Harmful if swallowed.

R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

R23/25 : Toxic by inhalation and if swallowed.

R34 : Causes burns.

R43 : May cause sensitization by skin contact.

R50 : Very toxic to aquatic organisms.

R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in  
the aquatic environment.