

# MATERIAL SAFETY DATA SHEET

Catalogue N° : 941385 Printing date : 05/06/2007

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

1.1. Identification of the substance or preparation

### **FJ GU-7 PS-PLATE GUM**

1.2. Use of the substance/preparation

Graphic product ( field: plate development )

1.3. Company/undertaking identification

FUJIFILM Europe NV	FUJIFILM UK Ltd.
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1.4. Emergency telephone

+44 844 553 23 12

## 2. HAZARDS IDENTIFICATION

Most important hazards :

Not classified as a hazardous product conform EEC Dangerous Substances Directive and Dangerous Preparation Directive.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterisation: aqueous solution

Components contributing to hazard:

w/w%	CAS N°	EINECS N°	Components Symb. R-phrases
10-20	9049-76-7	.	STARCH 2-HYDROXY PROPYL ETHER
.	.	.	- R:-

## 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

None

## 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 temperature should be higher than +5°C

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

### 8.1. Exposure limit values (INGREDIENTS INFORMATION)

STARCH 2-HYDROXY PROPYL ETHER  
MAK ( Deutschland, TRGS 900 ) = NAV  
TLV-TWA = NAV

### 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  $\geq$  0,38 mm, breakthrough time > 480 min) neoprene (thickness  $\geq$  0,65 mm, breakthrough time > 240 min). butyl rubber (thickness  $\geq$  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  
pH value (25°C) : 3,60  
Density (20°C) Kg/L : 1,0825  
Solubility in water (25°C) : Completely  
Viscosity : As water

## **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

Formation of CO<sub>2</sub> and CO fumes is possible.

## **11. TOXICOLOGICAL INFORMATION**

### Acute toxicity (INGREDIENTS INFORMATION)

PREPARATION  
LD50 (Oral Rat) = > 5000 mg/kg

## **12. ECOLOGICAL INFORMATION**

### Ecotoxicity (INGREDIENTS INFORMATION)

STARCH 2-HYDROXY PROPYL ETHER  
LC50 (Fish, 96 hours) = NAV

## **13. DISPOSAL CONSIDERATIONS**

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

EWC: 09 01 02 Water-based offset plate developer solutions

## **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 : -  
Symbol(s) :  
R(isk) phrase(s) :  
R\_ : -  
S(afety) phrase(s) :  
S\_ : -  
Other information :  
WGK: 1  
BAG T n° (CH): 611 384  
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: 01.10.2005  
Supersedes edition of: 01.04.2004  
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Nav : Not available NA : Not applicable  
RISK PHRASES MENTIONED IN PARAGRAPH 2:  
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