

# EC Safety Data Sheet

FN-6E PLATE FINISHING GUM 16 x 1 L



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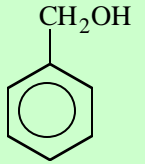
Date of issue / Reference  
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05.02.02 / J. Zauner  
14.03.01 / J. Zauner

## 1 Commercial product name and supplier

1.1	Commercial product name / designation	<b>FN-6E PLATE FINISHING GUM 16 x 1 L</b>
1.2	Application / use	Graphic Product (field: plate development)
1.3	Producer	Fuji Hunt Photographic Chemicals n.v., Europark Noord 21-22, B-9100 Sint Niklaas, Belgium (0032 376 00200)
1.4	Supplier	FUJI PHOTO FILM (UK) LTD, Fuji Film House; 125, Finchley Road, London NW3 6HY; Tel.: (0207) 5865900;
1.5	TOX emergency number	Technical Centre, Bedford: (01234) 373879; Please contact Local Hospital Accident & Emergency Department or GP who can contact the UK National Poisons Unit for advise.
1.6	BAG T No. (CH)	602084
1.7	Product No.	971861

## 2 Composition

2.1	Chemical characterisation	Aqueous, acidic solution containing organic salts. Active ingredient: CAS No.: 100-51-6 benzyl alcohol
		
2.2	Components	<b>Components contributing to hazard (88/379/EEC):</b>
	CAS Nr. : 9049-76-7	10 - 20 % 2-hydroxypropyl starch N/Ap
	CAS Nr. : 100-51-6 EINECS: 2028599	1 - 5 % benzyl alcohol  Xn: Harmful. R20/22: Harmful by inhalation and if swallowed.
	CAS Nr. : 9000-01-5 EINECS: 2325195	1 - 5 % arabic gum N/Ap
	CAS Nr. : 9050-36-6	1 - 5 % avedex 36 LAC 12 N/Ap
	CAS Nr. : 107-21-1 EINECS: 2034733	1 - 5 % ethyleneglycol  Xn: Harmful. R22: Harmful if swallowed.
	CAS Nr. : 11120-02-8	1 - 5 % Starch, phosphate N/Ap

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2.3 Further information None.

### 3 Hazards identification -

### 4 First aid measures

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

4.2 Skin contact Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing.

4.3 Ingestion Consult a physician or transport to emergency facility immediately.

4.4 Inhalation Remove to fresh air. Consult a physician.

4.5 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 Controls/Personal Protection)  
Spills should be contained by, and covered with suitable absorbent material and removed for 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 thoroughly after handling.  
Wash hands and exposed skin before eating, drinking or smoking and after work.  
Use only in well ventilated area.

7.2 Industrial hygiene Avoid eye and skin contact.  
Wear suitable protective clothing, gloves and eye/face protection.  
Follow normal industrial hygiene standards.

Do not consume or store food in the work area.

7.3 Storage Keep containers tightly closed.  
Store in a well ventilated, cool, dry area.

7.4 Fire- and explosion protection Not combustible.

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## 8 Exposure controls / personal protection

8.1	Technical equipment	Good general ventilation should be sufficient for most processing operations. Vent work area to ensure airborne concentrations are below the current occupational exposure limits. 10 or more room air changes per hour containing a minimum of 15% fresh air, will meet these requirements.
8.2	Control of threshold limits	None established.
<b>8.3 Personal protective equipment</b>		
8.3.1	Respiratory protection	No respiratory protection needed under normal conditions. Good general ventilation should be sufficient.
8.3.2	Hand protection	Neoprene or butyl rubber should be effective glove materials.
8.3.3	Eye protection	Use chemical safety goggles. Eye wash fountain should be located in immediate work area.
8.3.4	Other	Appropriate protective clothing.

## 9 Physical and chemical properties

9.1	Appearance	liquid	
9.2	Color	light brown	
9.3	Odour	practically odourless	
9.4	Change in physical state		
	Melting point	~ 0	°C
	Boiling point	~ 100	°C
9.5	Density	1.099	g/cm <sup>3</sup> (20 °C)
9.6	Vapour pressure	----	mm Hg (21 °C)
9.7	Viscosity	12.5	cP
9.8	Solubility in water	----	g/l (20 °C)
		completely soluble	
9.9	pH-value	3.1	(25 °C)
		acidic	
9.10	Flash point	----	°C
		non combustible	
9.11	Ignition temperature	----	°C
		not flammable	
9.12	Explosion limits	Lower: ----	vol. %
		Upper: ----	vol. %
	remark(s)	None.	
9.13	Further information	None.	

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## 10 Stability and reactivity

10.1	Thermal decomposition	Is stable under normal storage conditions.
10.2	Hazardous decomposition products	No decomposition if used properly.
10.3	Hazardous reactions	With strong alkalis.
10.4	Further information	None.

## 11 Toxicological information

### Product Information:

LD50, oral:	>5000 mg/kg	Test Animal:	Mice
LD50, dermal:	N/Av	Test Animal:	-----

### 11.1 Acute Overexposure:

Primary Skin Irritation Index:	N/Av	-----
Primary Eye Irritation Index:	N/Av	-----

11.2 Further information -

### Ingredients information

CAS No.	Component	LD50 (mg/kg)	Test Animal:
9049-76-7	2-hydroxypropyl starch	218	Rats
100-51-6	benzyl alcohol	1230	Rats
9000-01-5	arabic gum	8000	Rats
9050-36-6	avedex 36 LAC 12	N/Av	
107-21-1	ethyleneglycol	4700	Rats
11120-02-8	Starch, phosphate	N/Av	

## 12 Ecological information

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Ecotox Data: N/Av  
 Chemical Fate Data: N/Av

## Ingredients information

CAS No.	Component	Fish Toxicity	Fish Organism
9049-76-7	2-hydroxypropyl starch	LC50 N/Av	
100-51-6	benzyl alcohol	LC50 N/Av	
9000-01-5	arabic gum	LC50 N/Av	
9050-36-6	avedex 36 LAC 12	LC50 N/Av	
107-21-1	ethyleneglycol	LC50 N/Av	
11120-02-8	Starch, phosphate	LC50 N/Av	

<b>13</b>	<b>Disposal considerations</b>	Dispose of according to local and national regulations. Containers must be disposed of in accordance with local regulations.
13.1	EC-Waste Code	090199
13.2	Origin	Photographic Industry

<b>14</b>	<b>Transport information</b>			
14.1	GGVE / GGVS RID / ADR UN-No. Tremcard Further information	Class ---- Class ---- ---- ---- Material not classified for transport at land (road, rail, barge).	Cipher ---- Cipher ----	
14.2	GGVSee ADNR UN-No. IMDG-code page EMS MFAG Packing group Further information	Class ---- Class ---- ---- ---- ---- ---- ---- Material not classified for transport at sea.		
14.3	ICAO / IATA-GDR UN-No. PSN Subsidiary risk  Labels Packing group Passenger aircraft Cargo aircraft only Further information	---- ---- ---- ---- ---- ---- Packing Instruction ---- Packing Instruction ---- Material not classified for air transport.	max. ---- max. ----	

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15	<b>Regulatory information</b>	This product does not require classification according to the criteria of the EC and the "Gefahrstoffverordnung".
15.1	UN-No.	-----
15.2	Swiss toxicity class	4
15.3	EC-No.	-----
15.4	Hazard symbols	-
15.5	Hazard designation	-----
15.6	Risk phrases	<b>R:</b>
15.7	Safety phrases	<b>S: -</b>
15.8	TLV / MAK/...	No Occupational Exposure Limits have been
15.9	BVD classification	-----
15.10	VbF	-----
15.11	Further information	None.
16	<b>Other information</b>	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.*

N/Av = Not available N/Ap = Not applicable