

# EC Safety Data Sheet

FN-6 NWEK PLATE FINISHING GUM 20 L



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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-6 NWEK PLATE FINISHING GUM 20 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)	-----
1.7	Product No.	971846

## 2 Composition

2.1	Chemical characterisation	Aqueous, acidic solution containing organic salts. Active ingredient: CAS No.: 9049-76-7 2-hydroxypropyl starch
2.2	Components	<b>Components contributing to hazard (88/379/EEC):</b> CAS Nr. : 9049-76-7 3 - 7 % 2-hydroxypropyl starch N/Ap
2.3	Further information	None.

## 3 Hazards identification

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## 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.

## 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.

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- 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 1.023 g/cm<sup>3</sup> (20 °C)
- 9.6 Vapour pressure ---- mm Hg (21 °C)
- 9.7 Viscosity ---- cP
- 9.8 Solubility in water ---- g/l (20 °C)
- 9.9 pH-value completely soluble  
3.25 (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.

## 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 alkalies.
- 10.4 Further information None.

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## 11 Toxicological information

### Product Information:

LD50, oral: >2000 mg/kg Test Animal: Rat (Slc:Wister)  
 LD50, dermal: Test Animal: -----

### 11.1 Acute Overexposure:

Primary Skin Irritation Index: Rabbit (Japanese white)

Primary Eye Irritation Index: Rabbit (Japanese white)

### 11.2 Further information

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### Ingredients information

CAS No.	Component	LD50 (mg/kg)	Test Animal:
9049-76-7	2-hydroxypropyl starch	218	Rats

## 12 Ecological information

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	

## 13 Disposal considerations

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

## 14 Transport information

14.1 GGVE / GGVS Class ----- Cipher -----  
 RID / ADR Class ----- Cipher -----  
 UN-No. -----  
 Tremcard -----  
 Further information Material not classified for transport at land (road, rail, barge).

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14.2	GGVSee ADNR UN-No. IMDG-code page EMS MFAF 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 ---- max. ---- Packing Instruction ---- max. ---- Material not classified for air transport.		

**15 Regulatory information** 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	----
15.3	EC-No.	----
15.4	Hazard symbols	-

15.5 Hazard designation  
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15.6 Risk phrases  
**R:**

15.7 Safety phrases  
**S:** -

15.8 TLV / MAK/...  
No Occupational Exposure Limits have been

15.9 BVD classification  
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15.10 VbF  
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15.11 Further information  
None.

**16 Other information** The use of the preparation is restricted to professional users!

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