

# EC Safety Data Sheet

AS CLEANER 180 ml



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## 1 Commercial product name and supplier

1.1	Commercial product name / designation	<b>AS CLEANER 180 ml</b>
1.2	Application / use	Screen Cleaner
1.3	Producer	Fuji Photo Film Co., LTD., 26-30, Nishiazabu 2-Chome, Minato-Ku, Tokyo 106, Japan
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.	333053

## 2 Composition

2.1	Chemical characterisation	Aqueous solution containing inorganic salts. Active ingredient: CAS No.: 64-17-5 Ethanol
2.2	Components	<b>Components contributing to hazard (88/379/EEC):</b> CAS Nr. : 64-17-5 EINECS: 2005786 10 - 20 % ethanol F: Highly flammable. R11: Highly flammable.
2.3	Further information	None.

## 3 Hazards identification

Flammable.

## 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.<br>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.<br>Wash thoroughly after handling.<br>Wash hands and exposed skin before eating, drinking or smoking and after work.<br>Use only in well ventilated area. |
| 7.2 | Industrial hygiene             | Avoid eye and skin contact.<br>Wear suitable protective clothing, gloves and eye/face protection.<br><br>Follow normal industrial hygiene standards.                                  |
| 7.3 | Storage                        | Do not consume or store food in the work area.<br>Keep containers tightly closed.<br>Store in a well ventilated, cool, dry area.                                                      |
| 7.4 | Fire- and explosion protection | Keep away from sources of ignition.<br>Keep away from flammable materials, including chemicals.                                                                                       |

## 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.<br>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	transparent colourless	
9.3	Odour	characteristic	
9.4	Change in physical state		
	Melting point	~ 0	°C
	Boiling point	~ 100	°C
9.5	Density	0.983	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)
		completely soluble	
9.9	pH-value	7.1	(25 °C)
		neutral	
9.10	Flash point	41	°C
9.11	Ignition temperature	-----	°C
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	In case of thermal decomposition poisonous and irritant gases/fumes can be released.
10.3	Hazardous reactions	None.
10.4	Further information	Keep away from ignition sources.

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## 11 Toxicological information

### Product Information:

LD50, oral: > 5000 mg/kg Test Animal: CD Rats (remote Sprague -Dawley)

LD50, dermal: N/Av Test Animal: N/Av

### 11.1 Acute Overexposure:

Primary Skin Irritation Index: N/Av New Zealand White Rabbits

Primary Eye Irritation Index: No lesion New Zealand White Rabbits

### 11.2 Further information

Flammable.

### Ingredients information

CAS No.	Component	LD50 (mg/kg)	Test Animal:
64-17-5	ethanol	7060	Rats

## 12 Ecological information

Ecotox Data: N/Av

Chemical Fate Data: N/Av

### Ingredients information

CAS No.	Component	Fish Toxicity	Fish Organism
64-17-5	ethanol	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  
RID / ADR

Class ---- Cipher ----  
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 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 ---- max. ---- Packing Instruction ---- max. ---- Material not classified for air transport.
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	----
15.3	EC-No.	----
15.4	Hazard symbols	
15.5	Hazard designation	----
15.6	Risk phrases	<b>R: 10</b> 10 Flammable.
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!

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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