

EC Safety Data Sheet

PLATE MULTICLEANER MC-E 12 x 1 L



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/ -----

1 Commercial product name and supplier

1.1	Commercial product name / designation	PLATE MULTICLEANER MC-E 12 x 1 L
1.2	Application / use	Cleaner
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.	979021

2 Composition

2.1	Chemical characterisation	Contains petroleum derivative solvent. Active ingredient: CAS No.: 64742-95-6 petroleum naphtha; Solvesso 100
2.2	Components	Components contributing to hazard (88/379/EEC): CAS Nr. : 64742-95-6 15 - 30 % Petroleum naphtha; Solvesso 100 EINECS: 2651990 Xn: Harmful. N: Dangerous for the environment. R10: Flammable. R37: Irritating to respiratory system. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65: Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking. R67: Vapours may cause drowsiness and dizziness. CAS Nr. : 64742-94-5 1 - 5 % Solvent naphtha, petroleum, heavyarom. EINECS: 2651985 Xn: Harmful. R65: Harmful: may cause lung damage if swallowed.
2.3	Further information	None.

3 Hazards identification

Flammable. Harmful: may cause lung damage if swallowed.

4 First aid measures

4.1	Eye contact	Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.
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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 fog, carbon dioxide, foam, dry chemicals.
5.2	Extinguishing media to avoid	None under normal conditions.
5.3	Further information	None.

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	Keep away from sources of ignition. 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.
8.3	Personal protective equipment	

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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	white
9.3	Odour	characteristic
9.4	Change in physical state	
	Melting point	N/Av °C
	Boiling point	N/Av °C
9.5	Density	1.04 kg/l
9.6	Vapour pressure	N/Av Pa (20 °C)
9.7	Viscosity	----- cP
9.8	Solubility in	----- g/l (20 °C)
		emulsifiable
9.9	pH-value	2.35 (25 °C) acidic
9.10	Flash point	44 °C
9.11	Ignition temperature	N/Av °C
9.12	Explosion limits	Lower: N/Av vol.% Upper: N/Av 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	None.
10.3	Hazardous reactions	None.
10.4	Further information	Keep away from oxidising material(s).

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11 Toxicological information

Product Information:

LD50, oral:	N/Av	mg/kg	Test Animal:	N/Av
LD50, dermal:	N/Av		Test Animal:	N/Av

11.1 Acute Overexposure:

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

11.2 Further information

Flammable. Harmful: may cause lung damage if swallowed.

Ingredients information

CAS No.	Component	LD50 (mg/kg)	Test Animal:
64742-95-6	Petroleum naphtha; Solvesso 100	>5000	Rats
64742-94-5	Solvent naphtha, petroleum, heavyarom.	5000	Rats

12 Ecological information

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

Ingredients information

CAS No.	Component	Fish Toxicity	Fish Organism
64742-95-6	Petroleum naphtha; Solvesso 100	LC50	N/Av
64742-94-5	Solvent naphtha, petroleum, heavyarom.	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	070704
13.2 Origin	Wastes from the MFSU of fine chemicals and chemical products not

14 Transport information

14.1 GGVE / GGVS	Class 3	Cipher 31c	
RID / ADR	Class 3	Cipher 31c	
UN-No.	1993		
Tremcard	30G35-3		
Further information	During shipment, storage, installation and use, this material should not be exposed to flame or other ignition sources.		



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14.2	GGVSee ADNR UN-No. IMDG-code page EMS MFAG Packing group Further information	Class 3.3 Class 3.3 1993 3345 3-07 4.2 III During shipment, storage, installation and use, this material should not be exposed to flame or other ignition sources.	
14.3	ICAO / IATA-GDR UN-No. PSN Subsidiary risk Labels Packing group Passenger aircraft Cargo aircraft only Further information	Class 3 1993 Flammable liquid, n.o.s. (contains Petroleum distillates) ----- Fammable liquid III Packing Instruction 309 max. 60 L Packing Instruction 310 max. 220 L During shipment, storage, installation and use, this material should not be exposed to flame or other ignition sources.	

15	Regulatory information	This product requires classification according to the criteria of the EC.							
15.1	UN-No.	1993							
15.2	Swiss toxicity class	-----							
15.3	EC-No.	-----							
15.4	Hazard symbols	<table border="1"> <tr> <td>Xn</td> <td>-</td> <td>-</td> </tr> </table> 		Xn	-	-			
Xn	-	-							
15.5	Hazard designation	Xn: Harmful. Contains Petroleum naphtha; Solvesso 100, Solvent naphtha, petroleum, heavyarom..							
15.6	Risk phrases	R: 10-65 <table border="1"> <tr> <td>10</td> <td>Flammable.</td> </tr> <tr> <td>65</td> <td>Harmful: may cause lung damage if swallowed.</td> </tr> </table>		10	Flammable.	65	Harmful: may cause lung damage if swallowed.		
10	Flammable.								
65	Harmful: may cause lung damage if swallowed.								
15.7	Safety phrases	S: 23-24-62 <table border="1"> <tr> <td>23</td> <td>Do not breathe gas/fumes/vapour/spray.</td> </tr> <tr> <td>24</td> <td>Avoid contact with skin.</td> </tr> <tr> <td>62</td> <td>If swallowed, do not induce vomiting: seek medical advise immediately and show this container or label.</td> </tr> </table>		23	Do not breathe gas/fumes/vapour/spray.	24	Avoid contact with skin.	62	If swallowed, do not induce vomiting: seek medical advise immediately and show this container or label.
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15.8	TLV / MAK/...	No Occupational Exposure Limits have been							

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15.9	BVD classification	-----	
15.10	VbF	A II	
15.11	Further information	None.	
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.

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