

MATERIAL SAFETY DATA SHEET

Catalogue N° : 997460 Printing date : 02/03/2008

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

1.1. Identification of the substance or preparation

CS-1 **1L**

1.2. Use of the substance/preparation

Graphic product (field: plate development)

1.3. Company/undertaking identification

FUJIFILM Europe GmbH
 HEESENSTRASSE 31
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 PRODUCTSAFETY@FUJIFILM.EU

1.4. Emergency telephone

+49 211 5089 137

2. HAZARDS IDENTIFICATION

Most important hazards :

Harmful: may cause lung damage if swallowed.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Components contributing to hazard:

w/w%	CAS N°	EINECS N°	Components
			Symb. R-phrases
5-10	64742-94-5	265-198-5	HEAVY AROMATIC NAPHTHA Xn R:65
0,1-1	108-67-8	203-604-4	MESITYLENE Xi N R:10-37-51/53
1-5	7664-38-2	231-633-2	PHOSPHORIC ACID C R:34
10-20	64742-47-8	265-149-8	MIXTURE OF HYDROCARBONS, FREE OF AROMATES Xn R:65

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.
 Do not induce vomiting. Give large amounts of water or milk if available
 and transport to medical facility.

Inhalation

Remove to fresh air. Consult a physician.

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:
Water.
- 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)

MESITYLENE		
MAK (Deutschland, TRGS 900)	=	100 mg/m ³
PHOSPHORIC ACID		
MAK (Deutschland, TRGS 900)	=	NAV
TLV-TWA	=	1 mg/m ³
TLV-STEL	=	2 mg/m ³
MIXTURE OF HYDROCARBONS, FREE OF AROMATES		
TLV-TWA	=	200 mg/m ³

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 material : natural latex, (thickness >= 0,75 mm, breakthrough time > 10 min). Avoid gloves made of : nitrile rubber, neoprene.

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
Colour	: White
Odour	: Petroleum
Flash point °C	: > 100
pH value (25°C)	: 2,10
Density (20°C) Kg/L	: 0,984

10. STABILITY AND REACTIVITY

- 10.1. Conditions to avoid
The product is stable under normal storage conditions.
- 10.2. Materials to avoid
Keep away from alkalis.
- 10.3. Hazardous decomposition products
Formation of CO₂ and CO fumes is possible.

11. TOXICOLOGICAL INFORMATION

Acute toxicity (INGREDIENTS INFORMATION)

HEAVY AROMATIC NAPHTHA
LD50 (Oral Rat) = NAV
MESITYLENE
LD50 (Oral Rat) = NAV
MIXTURE OF HYDROCARBONS, FREE OF AROMATES
LD50 (Oral Rat) = NA

Ingestion

Harmful: may cause lung damage if swallowed.

12. ECOLOGICAL INFORMATION

12.1. Ecotoxicity (INGREDIENTS INFORMATION)

HEAVY AROMATIC NAPHTHA
LC50 (Fish, 96 hours) = NAV
MESITYLENE
LC50 (Daphnia magna, 24h) = 50 mg/l
MIXTURE OF HYDROCARBONS, FREE OF AROMATES
LC50 (Fish, 96 hours) = NA

12.2. Mobility

Not available

12.3. Persistence and Degradability

Not available

12.4. Bioaccumulative potential

Not available

12.5. Other adverse effects

13. DISPOSAL CONSIDERATIONS

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

EWC: 09 01 03 Solvent-based developer solutions

14. TRANSPORT INFORMATION

UN N° : -

PSN :NON HAZARDOUS LIQUID

ADR/RID

Class: NA Labels :- Pack. Group:-
Tun.Code :NA TREMcard :NA Spec. Prov.:-
Pack. Inst.: - Lim. Quant.:-

IMDG

Class: NA Subs. Risk :NA Pack. Group:NA
EmS fire: NA EmS Spill. :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 : MIXTURE OF HYDROCARBONS, FREE OF AROMATES

Symbol(s) : Xn

R(isk) phrase(s) :

R65 : Harmful: may cause lung damage if swallowed.

S(afety) phrase(s) :

S23 : Do not breathe vapour.

S24 : Avoid contact with skin.

S62 : If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Other information :

Nota P (2001/58/EC) : < 0,1 % Benzene (CAS 71-43-2, EC 200-753-7)

WGK: 2

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.

Date of issue: 06.07.07
Supersedes edition of: -

NAv : Not available NA : Not applicable
RISK PHRASES MENTIONED IN PARAGRAPH 2:
R10 : Flammable.
R34 : Causes burns.
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.