



**ABC CHEMICAL COMPANY**  
Chemicals for the International Printing Industry

## SAFETY DATA SHEET EVERYDAY PLATE CLEANER EXTRA

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	EVERYDAY PLATE CLEANER EXTRA		
APPLICATION	For use as a plate cleaner in the lithographic printing industry		
SUPPLIER	ABC CHEMICAL COMPANY DEANFIELD WAY LINK 59 BUSINESS PARK CLITHEROE LANCS BB7 1QU Tel: +44 (0)1200 420180 (09:00-17:00) Fax: +44 (0)1200 426178 info@abcchem.com	MANUFACTURER	Same as supplier

### 2 HAZARDS IDENTIFICATION

Vapours may cause drowsiness and dizziness. Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Xi;R36/38. R43. N;R51/53. R67.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
1,2,4-TRIMETHYLBENZENE	202-436-9	95-63-6	10-30%	R10 Xn;R20 Xi;R36/37/38 N;R51/53
2-METHYLSTYRENE	210-256-7	611-15-4	< 1	Xn;R20 N;R51/53
AROMATIC NAPHTHA (Benzene < 0.1%)	265-199-0	64742-95-6	10-30%	Xn;R65. N;R51/53. R10,R66,R67.
MESITYLENE	203-604-4	108-67-8	1-5%	R10 Xi;R37 N;R51/53
METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6		55965-84-9	< 1	T;R23/24/25 C;R34 R43 N;R50/53
PHOSPHORIC ACID ...%	231-633-2	7664-38-2	5-10%	C;R34
PROPYLBENZENE	203-132-9	103-65-1	1-5%	R10 Xn;R65 Xi;R37 N;R51/53
XYLENE	215-535-7	1330-20-7	1-5%	R10 Xn;R20/21 Xi;R38

The Full Text for all R-Phrases are Displayed in Section 16

### 4 FIRST-AID MEASURES

#### GENERAL INFORMATION

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

#### INHALATION

Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention.

#### INGESTION

DO NOT INDUCE VOMITING! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Remove victim immediately from source of exposure. Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately!

#### SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

#### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

### 5 FIRE-FIGHTING MEASURES

## EVERYDAY PLATE CLEANER EXTRA

### EXTINGUISHING MEDIA

The product is non-combustible. Use: Carbon dioxide (CO<sub>2</sub>). Alcohol resistant foam. Dry chemicals, sand, dolomite etc. DO NOT use water if avoidable.

### SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Keep run-off water out of sewers and water sources. Dike for water control. If risk of water pollution occurs, notify appropriate authorities.

## 6 ACCIDENTAL RELEASE MEASURES

### SPILL CLEAN UP METHODS

Avoid contact with skin or inhalation of spillage, dust or vapour. Absorb in vermiculite, dry sand or earth and place into containers. Runoff or release to sewer, waterway or ground is forbidden.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m <sup>3</sup>	ST - ppm	ST - mg/m <sup>3</sup>
1,2,4-TRIMETHYLBENZENE	WEL	25 ppm	125 mg/m <sup>3</sup>		
AROMATIC NAPHTHA (Benzene < 0.1%)	SUP	19 ppm	100 mg/m <sup>3</sup>		
MESITYLENE		25 ppm	125 mg/m <sup>3</sup>		
PHOSPHORIC ACID ...%	WEL		1 mg/m <sup>3</sup>		2 mg/m <sup>3</sup>
XYLENE	WEL	50 ppm(Sk)	220 mg/m <sup>3</sup> (Sk)	100 ppm(Sk)	441 mg/m <sup>3</sup> (Sk)

### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits SUP = Supplier's recommendation. Aromatic Naphtha is a complex mixture containing some of the components listed above with recognised WEL values -The exposure limit calculated by the supplier is based on a calculation including all the components of the mixture.

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

### RESPIRATORY EQUIPMENT

Respiratory protection must be used if air contamination exceeds acceptable level.

### HAND PROTECTION

Use protective gloves made of: Polyvinyl alcohol (PVA). Viton rubber (fluor rubber).

### EYE PROTECTION

Use approved safety goggles or face shield.

### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

### HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. DO NOT SMOKE IN WORK AREA!

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Emulsion
COLOUR	White
ODOUR	Hydrocarbon

**EVERYDAY PLATE CLEANER EXTRA**

PHYSICAL DATA COMMENTS	Flow time greater than 30 sec in a 3 mm ISO cup (EN 2431)		
SOLUBILITY	Miscible with water.		
BOILING POINT (°C)	100 @ 760 mm Hg	RELATIVE DENSITY	0.99 @ 20
VOLATILE BY VOL. (%)	80	pH-VALUE, CONC. SOLUTION	1
FLASH POINT (°C)	48 (does not support combustion at 75°C) P/M Pinsky-Martens.		

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid heat. Avoid contact with oxidisers or reducing agents. Avoid contact with acids and alkalis.

**HAZARDOUS POLYMERISATION**

Will not polymerise.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Nitrous gases (NO<sub>x</sub>).

**11 TOXICOLOGICAL INFORMATION****INHALATION**

Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication.

Vapour may irritate respiratory system or lungs.

**INGESTION**

May cause discomfort if swallowed.

**SKIN CONTACT**

Irritating to skin. May cause sensitisation by skin contact.

**EYE CONTACT**

Irritating to eyes.

**MEDICAL SYMPTOMS**

Irritation of eyes and mucous membranes. Skin irritation. Drowsiness, dizziness, disorientation, vertigo.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

Not known. The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment. The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms. The product contains a substance which is very toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

**DEGRADABILITY**

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Name	METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6
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Partition coefficient	-0.71-+0.75
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LC 50, 96 Hrs, FISH mg/l	0.22
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EC 50, 48 Hrs, DAPHNIA, mg/l	0.12
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Name	AROMATIC NAPHTHA (Benzene < 0.1%)
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**Ecotoxicity**

Dangerous for the environment if discharged into watercourses.

LC 50, 96 Hrs, FISH mg/l	1-10
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EC 50, 48 Hrs, DAPHNIA, mg/l	1-10
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IC 50, 72 Hrs, ALGAE, mg/l	1-10
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**13 DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

Incinerate in suitable combustion chamber. Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**

# EVERYDAY PLATE CLEANER EXTRA



UK ROAD CLASS	9		
PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS PETROLEUM DISTILLATES)		
UN NO. ROAD	3082	UK ROAD PACK GR.	III
ADR CLASS NO.	9	ADR CLASS	Class 9: Miscellaneous dangerous substances and articles.
ADR PACK GROUP	III	HAZARD NO. (ADR)	90 Environmentally hazardous substance; miscellaneous dangerous substances.
ADR LABEL NO.	9	HAZCHEM CODE	2X
RID CLASS NO.	9	RID PACK GROUP	III
UN NO. SEA	3082	IMDG CLASS	9
IMDG PACK GR.	III	EMS	none
MARINE POLLUTANT		UN NO. AIR	3082



AIR CLASS	9	AIR PACK GR.	III
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## 15 REGULATORY INFORMATION

**LABELLING**



Irritant



Dangerous for the environment

**CONTAINS** METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6

**RISK PHRASES**

R43	May cause sensitisation by skin contact.
R36/38	Irritating to eyes and skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.

**SAFETY PHRASES**

S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37	Wear suitable gloves.
S24/25	Avoid contact with skin and eyes.
S57	Use appropriate containment to avoid environmental contamination.
S60	This material and its container must be disposed of as hazardous waste.

**DETERGENT LABELLING**

> 30%	Aromatic hydrocarbons
< 5%	Non-ionic surfactants
	Soap
Contains	2-BROMO-2-NITROPROPANE-1,3-DIOL,C.I.T. (EC No. 247-500-7) & M.I.T. (EC No. 220-239-6) (3:1 Mix)

**EVERYDAY PLATE CLEANER EXTRA**

## EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EC. System of Specific Information relating to Dangerous Preparations. 91/155/EEC

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

## APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

## GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

**16 OTHER INFORMATION**

## INFORMATION SOURCES

Croner's: Dangerous Substances. Croner's: Emergency Spillage Guide. Croner's: Emergency First Aid Guide. Croner's: Substances Hazardous to Health. Material Safety Data Sheet, Misc. manufacturers.

## REVISION COMMENTS

Section 8 updated Section 9 updated Section 11 updated Section 12 updated. This safety data sheet supersedes all issues before 1 February 2008.

## ISSUED BY

J Waterfield

REVISION DATE March 08

REV. NO./REPL. SDS GENERATED 10 - Aug 02 / April 04 / July 05 / Oct 06 / March 07

DATE March 08

## RISK PHRASES IN FULL

R10	Flammable.
R20	Harmful by inhalation.
R20/21	Harmful by inhalation and in contact with skin.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R34	Causes burns.
R36/37/38	Irritating to eyes, respiratory system and skin.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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.

## DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.