



ABC CHEMICAL COMPANY
Chemicals for the International Printing Industry

SAFETY DATA SHEET PRESS CONTROL STANDARD

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

PRODUCT NAME	PRESS CONTROL STANDARD		
APPLICATION	For use as a fountain solution 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

May cause sensitisation by skin contact.

CLASSIFICATION R43.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
2-BUTOXYETHANOL	203-905-0	111-76-2	5-10%	Xn;R20/21/22 Xi;R36/38
Citric Acid	201-069-1	77-92-9	1-5%	Xi;R36/37/38.
Ethylenediaminetetraacetic acid tetrasodium salt	200-573-9	64-02-8	1-5%	Xn;R22. Xi;R36.
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
Mono Propylene Glycol USP		57-55-6	1-5%	-
Polypropylene glycol		25322-69-4	1-5%	Xn;R22.

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

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

SKIN CONTACT

Remove affected person from source of contamination. 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. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

6 ACCIDENTAL RELEASE MEASURES

PRESS CONTROL STANDARD

SPILL CLEAN UP METHODS

Wash thoroughly after dealing with a spillage. 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.

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/m3	ST - ppm	ST - mg/m3
2-BUTOXYETHANOL	WEL	25 ppm(Sk)		50 ppm(Sk)	
Mono Propylene Glycol USP	WEL	150 ppm	474 mg/m3		

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

No particular ventilation requirements.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

Chemical resistant gloves required for prolonged or repeated contact.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

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 if skin becomes wet or 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	Liquid		
COLOUR	Light (or pale)		
ODOUR	No characteristic odour.		
BOILING POINT (°C)	100 760 mm Hg	RELATIVE DENSITY	1.05 20
VOLATILE BY VOL. (%)	83.0	pH-VALUE, CONC. SOLUTION	4.5
FLASH POINT (°C)	N/A		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

HAZARDOUS POLYMERISATION

Will not polymerise.

PRESS CONTROL STANDARD

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂). Nitrous gases (NO_x).

11 TOXICOLOGICAL INFORMATION

INHALATION

May cause irritation to the respiratory system.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

Contains ingredients which may penetrate the skin. May cause sensitisation by skin contact.

EYE CONTACT

Splashes may irritate.

HEALTH WARNINGS

This substance is a moderate irritant.

MEDICAL SYMPTOMS

Irritation of eyes and mucous membranes. Skin irritation.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not known. The product contains a substance which is very toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment. However, this preparation has not been classified as hazardous to the environment using the conventional method calculation.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

15 REGULATORY INFORMATION

LABELLING



Irritant

CONTAINS

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

RISK PHRASES

R43 May cause sensitisation by skin contact.

SAFETY PHRASES

S24 Avoid contact with skin.

S37 Wear suitable gloves.

S60 This material and its container must be disposed of as hazardous waste.

EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EC.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

PRESS CONTROL STANDARD**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 1 Updated Section 2 updated. Section 3 updated Section 11 updated Section 12 updated. This safety data sheet supersedes all issues before 1 November 2007.

ISSUED BY

J Waterfield

REVISION DATE December 07

REV. NO./REPL. SDS GENERATED 5 - July 02 / Jan 04

DATE December 07

RISK PHRASES IN FULL

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R22	Harmful if swallowed.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R34	Causes burns.
R36	Irritating to eyes.
R36/37/38	Irritating to eyes, respiratory system and skin.
R36/38	Irritating to eyes and 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.

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.