



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

## SAFETY DATA SHEET INK REPELLENT

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

PRODUCT NAME	INK REPELLENT		
APPLICATION	For use as an ink repellent 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

Not regarded as a health or environmental hazard under current legislation.

#### HUMAN HEALTH

The product contains small amounts of organic solvents.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
AMMONIA ...%	215-647-6	1336-21-6	< 1	C;R34 N;R50
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (Benzene Content <0.1%)	265-149-8	64742-48-9	5-10%	Xn;R65. R10,R66.
QUARTZ	238-878-4	14808-60-7	30-50%	Xn;R48/20.

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

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

#### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

### 6 ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

# INK REPELLENT

## SPILL CLEAN UP METHODS

Shovel into dry containers. Cover and move the containers. Flush the area with water. Wash thoroughly after dealing with a spillage. Runoff or release to sewer, waterway or ground is forbidden.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Avoid inhalation of dust.

### STORAGE PRECAUTIONS

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

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs	STEL - 15 min	Notes
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (Benzene Content <0.1%)	SUP	1000 mg/m3		
QUARTZ	WEL	0,1 mg/m3		

### INGREDIENT COMMENTS

SUP = Supplier's recommendation. WEL = Workplace Exposure Limits

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Provide adequate ventilation.

### RESPIRATORY EQUIPMENT

Respiratory protection must be used if air contamination exceeds acceptable level. Contains quartz (respirable crystalline silica) prolonged and/or massive inhalation of respirable crystalline silica dust may cause silicosis, however inhalation of crystalline silica is not expected from this product because it is in the form of a paste provided it is used as directed.

### HAND PROTECTION

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

### 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 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	Paste	RELATIVE DENSITY	1.2 @ 20
COLOUR	White / off-white	pH-VALUE, CONC. SOLUTION	9
ODOUR	Ammonia		
SOLUBILITY	Miscible with water.		
BOILING POINT (°C)	106 @ 760 mm Hg		
VOLATILE BY VOL. (%)	50-58		
FLASH POINT (°C)	N/A		

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

**INK REPELLENT****CONDITIONS TO AVOID**

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

**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**

May cause irritation to the respiratory system. Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication. Inhalation (prolonged or large quantity) of dried product may cause silicosis, however this is not expected under normal use conditions.

**INGESTION**

May cause discomfort if swallowed.

**SKIN CONTACT**

Prolonged contact may cause dryness of the skin.

**EYE CONTACT**

Splashes may irritate.

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

Not known. The product contains a substance which is very toxic to aquatic organisms. However, this preparation has not been classified as hazardous to the environment using the conventional method calculation.

**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.

**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).

**15 REGULATORY INFORMATION****CONTAINS**

QUARTZ

**SAFETY PHRASES**

P13

Safety data sheet available for professional user on request.

**DETERGENT LABELLING**

5 - < 15%

Aliphatic hydrocarbons

Soap

< 5%

Non-ionic surfactants

**EU DIRECTIVES**

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

**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. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

**16 OTHER INFORMATION**

**INK REPELLENT**

## 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 8 updated Section 11 updated Section 12 updated. Section 15 updated. This safety data sheet supersedes all issues before 1 August 2008.

## ISSUED BY

J Waterfield

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DATE August 08

## RISK PHRASES IN FULL

R10	Flammable.
R34	Causes burns.
R37	Irritating to respiratory system.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R50	Very toxic to aquatic organisms.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

## DISCLAIMER

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