



CONSERVATION BY DESIGN LIMITED

Timecare Works
5 Singer Way
Woburn Rd Ind. Estate
Kempston
Bedford
MK42 7AW
Great Britain

Tel: (01234) 853555
Fax: (01234) 852334
Email info@conservation-by-design.co.uk
Web: <http://www.conservation-by-design.co.uk>

MATERIAL DATA SHEET

PTDA DEACIDIFICATION TREATMENTS FOR PAPER

Section 1: PRODUCT IDENTIFICATION

Name	PTDA DEACIDIFICATION SOLUTIONS
Product Code	DA011, DA015, DA0119, DA021, DA025, DA0219
Uses	Deacidification of Paper
Distributor	Conservation by Design Limited Timecare Works 5 Singer Way Woburn Road Industrial Estate Kempston Bedford MK42 7AW Tel: 01234 853 555 Fax: 01234 852 334

Section 2: INGREDIENTS & DESCRIPTION

A clear, colourless liquid with solvent odour. Use as per instructions. Contains Methyl & Ethyl Magnesium Methoxy Carbonates, Ethyl Alcohol and Cyclic Siloxane solvent
C. A. S. No: N/A ~ EEC no:

Section 3: HAZARDS IDENTIFICATION

Section 4: HEALTH HAZARD INFORMATION/FIRST AID

Symptoms	Action
SKIN CONTACT	Wash off thoroughly with soap & water
EYE CONTACT There may be mild irritation and redness. Vision may be impaired due to the presence of Magnesium Carbonates on the eye.	Wash the chemical out of the eye with flowing water for ten minutes.
INGESTION May cause intoxication in quantity	Wash mouth out thoroughly with water. In severe cases obtain medical attention.

Symptoms	Action
INHALATION	Remove from area of exposure

Section 5: FIRE FIGHTING MEASURES

Flammable. Use foam, dry powder, Carbon Dioxide or vaporising liquids.

Section 6: SPILLAGE AND LEAK PROCEDURES

FIRST ACTION	(i) Eliminate all sources of ignition immediately and instruct others to keep at a safe distance, well away from the spillage area. (ii) Open window, if possible, and close laboratory doors on way out. Aim to ventilate the area but isolate the material.
SMALL SPILLS ~ Liquids < 0.5 litre	Absorb on paper and allow to evaporate in a fume - cupboard or open air.
LARGE SPILLS ~ Liquids < 25 litre	Absorb the chemical onto sand or vermiculite and transfer into bucket, move to open air and allow to evaporate.

SECTION 7: STORAGE & HANDLING

Use in well ventilated area. Wear gloves where continued skin contact may occur. Store in a well ventilated place protected from frost.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respirator	Not applicable (but may be advisable in close proximity)
Gloves	Rubber or Plastic
Eye Protection	Face mask or goggles when changing pressurised cylinders (as a precautionary note: recommended during general use.)

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Density (g / ml)	0.95
Solubility in Water	Reacts with water to form gel
Flash point	86°C ~ Ignition Temperature N/A Explosion Limits N/A

SECTION 10: STABILITY & REACTIVITY

No hazardous decomposition products known

SECTION 11: TOXICOLOGICAL INFORMATION

No evidence of carcinogenic properties or mutagenic or teratogenic effects.

May be harmful if ingested in quantity.

LD50 > 2000 mg / kg oral rat.

SECTION 12: DISPOSAL CONSIDERATIONS

No special requirements but chemical residues are generally classified as special waste, and as such are covered by local regulations.

Contact your local waste disposal authority.

SECTION 13: TRANSPORT INFORMATION

UN No: 1993 ~ IMO: NR ~ IMDG class: NR

IATA: NR

Correct technical name: NOT RESTRICTED

ADR / RID: 3.32

SECTION 15: REGULATORY INFORMATION

Labelling according to EEC DIRECTIVES

SYMBOL: NONE ~ R- Phrases: None

S- Phrases: S25- 29- 51