

MATERIAL SAFETY DATA SHEET

Reference Code PRTUFIX
Revision Date 12/08/2011
Revision Number 5
Material / Trade Name Velopex Ready To Use Fixer

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1 – SUBSTANCE IDENTIFICATION

Material / Trade Name Velopex Ready to Use Fixer
Material Type X-Ray Fixer
Company Medivance Instruments Limited
Address Barretts Green Road, Harlesden, London, NW10 7AP
Telephone (020) 8965 2913
Fax (020) 8963 1270
Email Address enquiries@velopex.com



2 – COMPOSITION

Substance	% Wt.	Cas Number	Eec Number
Acetic Acid (C;R35)	1-2	64-19-7	200-580-7
Sodium Sulphite (R31 Xi;R37)	1-2	7757-83-7	231-821-4
Aluminium Sulphate (Xi;R36)	<1	10043-01-3	233-135-0
Ammonium Thiosulphate	10-15	7783-18-8	231-982-0

3 – HAZARD IDENTIFICATION

a – Hazard Symbols Not Applicable
b – Risk & Safety Keep out of reach of children
Do not breathe vapour
Avoid contact with skin and eyes

4 – FIRST-AID MEASURES

a – Inhalation Remove to fresh air and rest.
If recovery is not rapid, obtain prompt medical attention.

b – Eyes Irrigate with water for at least 15 minutes.
If irritation persists, then consult a doctor.

c – Skin Remove contaminated clothing.
Wash with soap/cleanser and rinse with plenty of water.
If irritation persists, obtain medical attention.
Do not induce vomiting.
Give plenty of water to drink.
Beware of aspiration if vomiting occurs.
Seek medical attention immediately.

THIS DATA SHEET IS COMPILED TO BE THE OF ASSISTANCE BUT IS WITHOUT GUARANTEE.
USERS ARE RESPONSIBLE FOR SAFE WORKING

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5 – FIRE FIGHTING MEASURES

- a – Suitable Extinguishers** Non-flammable material.
b – Unsuitable Extinguishers Not applicable.
c – Hazardous Decomposition Toxic fumes are produced when substance is involved in a fire.
d – Special Procedures Wear fire retardant clothing.
Do not breathe decomposition products and fumes.
Use approved self contained breathing apparatus.

6 – ACCIDENTAL RELEASE MEASURES

- a – Exposure Controls** Ventilate area.
Isolate the spillage.
b – Personal Protection Wear rubber gloves.
If eye contact is probable, use safety glasses or chemical goggles.
c – Disposal Considerations Absorb in inert material such as sand or absorbent granules.
Scoop up and place in plastic container to await transfer.
Do not allow spill to enter drains, sewers or water courses.
Dispose of in accordance with Local Authority regulations.

7 – HANDLING AND STORAGE

- a – Handling** Avoid inhalation of vapour.
Ensure adequate ventilation.
Avoid skin contact.
Avoid eye contact.
Wear suitable protective clothing (see section 8).
b – Storage Store in tightly closed labelled containers.
Store in cool, dry, well ventilated area.
Store away from acids and alkalis/strong bases.
Store away from oxidising materials.

8 – EXPOSURE CONTROL

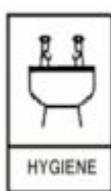
Occupational Exposure Limit 8hr TWA, 15min STEL: 10ppm, 15ppm Acetic Acid.
Biological Exposure Limit Not assigned.



Wear Nitrile rubber gloves



Use in well ventilated areas



If skin is contaminated, wash off immediately



Keep skin covered



If splashing is likely

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9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colourless liquid
Odour	Slightly pungent (acetic acid / sulphur dioxide)
Ph	4-5
Boiling Point / range	>100°C
Melting Point / range	n/a
Flash Point	n/a
Flammability	Non-Flammable
Auto Flammability	n/a
Explosive Properties	n/a
Oxidising Properties	None
Vapour Pressure	n/a
Relative Density	1.092
Solubility	Completely soluble in water
Partition Coefficient	n/a
Miscibility	Completely miscible in water
Vapour Density	n/a
Evaporation Rate	n/a
Viscosity	n/a

n/a = not applicable

10 – STABILITY AND REACTIVITY

Stability	Stable at normal temperatures
Hazardous Polymerisation	Will not occur
Conditions to Avoid	High temperature
Materials to Avoid	Oxidising agents, acids
Hazardous Decomposition Products	None when stored and handled correctly

11 – TOXICOLOGICAL INFORMATION

Orl-Rat LD50 (expected)	>2000mg/kg
Health Effects	Irritating to respiratory system. Irritating to eyes. Irritating to skin
Acute Effects	Irritation and redness at the site of skin contact.
Chronic Effects	None known.

12 – ECOLOGICAL INFORMATION

No adverse environmental effects foreseen.
Not expected to bioaccumulate.
Not expected to persist in the environment.
BOD/COD (expected) >0.5.
Exotoxicity: No specific data available.
Slightly toxic to aquatic life.

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13 – DISPOSAL CONSIDERATIONS

Do not discharge into drains or watercourses.
Dispose of through an authorised contractor to a licensed landfill site.
Dispose of in accordance with Local Authority regulations.

14 – TRANSPORT INFORMATION

UN/SI Number	n/e	Packing Group	n/e
IMO	n/e	Packing Group	n/e
IATA/ICAO	n/e	Item	n/e
ADR/RID	n/e		
Transport Name	Road - Non Hazardous		
Hazchem/Kemler Code	n/e		
Marine Pollutant	No		

n/e = none established

15 – REGULATORY INFORMATION

a – Hazard Symbols Not Applicable
b – Risk and Safety Keep out of reach of children.
Do not breathe vapour.
Avoid contact with skin and eyes.
c – Other Regulations Health & Safety at Work Act 1974.
Control of Substances Hazardous to Health Regulations 2002.
Environmental Protection Act 1990.
d – Transport Information

UN/SI Number	n/e	Packing Group	n/e
IMO	n/e	Packing Group	n/e
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16 – OTHER INFORMATION

Not Applicable

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