

MATERIAL SAFETY DATA SHEET

Reference Code PRTUDEV
Revision Date 12/08/11
Revision Number 5
Material / Trade Name Velopex Ready To Use Developer

Page 1 of 4

1 – SUBSTANCE IDENTIFICATION

Material / Trade Name Velopex Ready To Use Developer
Material Type X-Ray Developer
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

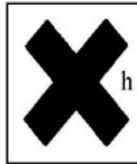


2 – COMPOSITION

Substance	% Wt.	Cas Number	Eec Number
Hydroquinone (Carc cat 3:R40 Muta Cat3:R68 Xn:R22 Xi: R41R43, N R50)	1-2	123-31-9	204-617-8

3 – HAZARD IDENTIFICATION

a – Hazard Symbols



HARMFUL

b – Risk & Safety

Limited evidence of a carcinogenic effect
Possible risk of irreversible effects
May cause sensitization by skin contact
Keep out of the reach of children
Do not breathe vapour
Avoid contact with skin & eyes
Wear suitable gloves
If swallowed, seek medical advice immediately and show this sheet

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.
Get prompt medical attention.

c – Skin

Remove contaminated clothing.
Irrigate with water.
Wash with soap/cleanser and rinse with plenty of water.
If irritation persists, obtain medical attention.

d – Ingestion

Do not induce vomiting.
Give plenty of water to drink.
Beware of aspiration if vomiting occurs.
Seek medical attention immediately

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Page 2 of 4

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.

8 – EXPOSURE CONTROL

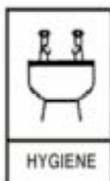
Occupational Exposure Limit 8hr TWA, 15min STEL, 2,4 mg/m³ Hydroquinone respectively.
Biological Exposure Limit Not assigned.



Wear Nitrite 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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Page 3 of 4

9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance Light yellow liquid
Odour Slight
Ph 10-11
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 Contact with strong acids may liberate sulphur dioxide.
Hazardous Decomposition Products None when stored and handled correctly.

11 – TOXICOLOGICAL INFORMATION

Toxicity Data No toxicity data available for preparation.
Health Effects May be harmful if swallowed.
Irritating to eyes.
Irritating to skin.
Repeated skin contact may cause sensitisation.
Acute Effects Irritation and redness at the site of skin contact.
Chronic Effects None known.
General Hydroquinone has been classified as a category 3 mutagen and carcinogen by the European Union, based on testing of rats and mice given Hydroquinone by stomach tube or at high-dietary levels. However, the International agency for research on cancer (IARC) concluded in 1999 that Hydroquinone is unclassifiable as to carcinogen potential in humans.

12 – ECOLOGICAL INFORMATION

No adverse environmental effects foreseen.
Not expected to bio-accumulate.
Not expected to persist in the environment.
BOD/COD (expected) >0.5.
Ecotoxicity: No specific data available. Expected to be harmful to aquatic life.
Hydroquinone 96hr LC50 (Daphna Magna): 0.05ppm.

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Page 4 of 4

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.

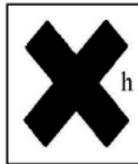
14 – TRANSPORT INFORMATION

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



HARMFUL contains Hydroquinone

b – Risk and Safety

R40 : Limited evidence of a carcinogenic effect
R68 : Possible risk of irreversible effects
R43 : May cause sensitization by skin contact
S(2) : Keep out of the reach of children
S23 : Do not breathe vapour
S24/25 : Avoid contact with skin & eyes
S37 : Wear suitable gloves
S46 : If swallowed, seek medical advice immediately and show this sheet
Health & Safety at Work Act 1974
Control of Substances Hazardous to Health Regulations 2002
Environmental Protection Act 1990

c – Other Regulations

d – 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		

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16 – OTHER INFORMATION

Not Applicable

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