

MATERIAL SAFETY DATA SHEET

Reference Code
Revision Date
Revision Number
Material / Trade Name

I/PDR8025F (29 Cut) & I/PDR8024F (53 Cut)
Reviewed Aug. 2014
5
Velopex AquaCut 29 Cut & Velopex AquaCut 53 Cut

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1 – SUBSTANCE IDENTIFICATION

Material / Trade Name Velopex AquaCut 29 Cut & Velopex AquaCut 53 Cut
Material Type Cutting Agent (Aluminium Oxide)
Company Medivance Instruments Limited
Address Barretts Green Road
Harlesden London
NW10 7AP
Telephone 020 8965 2913
Fax 020 8963 1270
Email enquiries@velopex.com

2 – COMPOSITION

Substance	% Wt.	Cas Number	EC (EINECS) Number
Aluminium Oxide	>90	1344-28-1	215-691-6

3 – HAZARD IDENTIFICATION

a – Hazard Symbols Not Applicable
b – Risk & Safety Do not breath dust
Avoid contact with eyes

4 – FIRST-AID MEASURES

a – Inhalation No toxic effects
Classified as nuisance material
b – Eyes Irrigate with water for at least 15 minutes
If irritation persists, contact doctor
c – Skin No harmful effects
Remove contaminated clothing
Wash with soap and clean with plenty of water
d – Ingestion No toxic effects. Treat symptomatically. Seek medical attention as necessary

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5 – FIRE FIGHTING MEASURES

- | | |
|------------------------------|--|
| a – Suitable Extinguishers | Not applicable. Non flammable material |
| b – Unsuitable Extinguishers | Not applicable. Non flammable material |
| c – Hazardous Decomposition | Not applicable |
| d – Special Procedures | None |

6 – ACCIDENTAL RELEASE MEASURES

- | | |
|-----------------------------|---|
| a – Exposure Controls | Isolate the spillage
Clean as appropriate. Use vacuum to remove fine dust |
| b – Personal Protection | If eye contact is possible wear eye protection |
| c – Disposal Considerations | Scoop up and plastic container to await transfer
Dispose of in accordance with Local Authority regulations |

7 – HANDLING AND STORAGE

- | | |
|--------------|---|
| a – Handling | Avoid creating dust
Avoid eye contact
Wear suitable protective clothing |
| b – Storage | Store in tightly closed labelled containers |

8 – EXPOSURE CONTROL

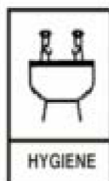
- | | |
|-----------------------------|---|
| Occupational Exposure Limit | 8hr TWA 10mg/m ³ total dust 4mg/m ³ respirable dust |
| Biological Exposure Limit | Not assigned |
| Protective Equipment | Wear appropriate eye and respiratory protection |



Wear Nitrile rubber gloves



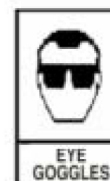
Use in well ventilated areas



If skin is contaminated wash off immediately



Keep skin covered



If splashing is likely

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9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White solid
Odour	n/a
Ph	n/a
Boiling Point / range	>3000°C
Melting Point / range	2050°C
Flash Point	n/a
Flammability	Non flammable
Auto Flammability	n/a
Explosive Properties	n/a
Oxidising Properties	None
Vapour Pressure	n/a
Relative Density	3.95 g/cm ³
Solubility	Insoluble
Partition Coefficient	n/a
Miscibility	n/a
Vapour Density	n/a
Evaporation Rate	n/a
Viscosity	n/a

n/a = not applicable

10 – STABILITY AND REACTIVITY

Stability	Stable and inert
Hazardous Polymerisation	Will not occur
Conditions to Avoid	n/a
Materials to Avoid	n/a
Hazardous Decomposition Products	None known

11 – TOXICOLOGICAL INFORMATION

Rat intra-pleural	TD LO 90 mg/kg
Health Effects	(Classified as non toxic) Irritating to eyes
Acute Effects	None known
Chronic Effects	None known

12 – ECOLOGICAL INFORMATION

No adverse environmental effects foreseen

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13 – DISPOSAL CONSIDERATIONS

Dispose of in accordance with Local Authority regulations

14 – TRANSPORT INFORMATION

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

n/e = none established

15 – REGULATORY INFORMATION

a – Hazard Symbols Not applicable
b – Risk and Safety Not applicable
c – Other Regulations Health and Safety at Work Act 1974
Control of Substances Hazardous to Health Regulations 1999
Environmental Protection Act 1990

d – Transport Information

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

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16 – OTHER INFORMATION

The Aluminium Oxide used in the Velopex 29 cut and 53 cut contains no free Silica and is classified as a nuisance material. Dust exposure limits are given in EH/40 published by the Health and Safety Executive.

This data sheet is compiled to be of assistance but is without guarantee. Users are responsible for safe working.