

MEDIVANCE INSTRUMENTS LIMITED
MATERIAL SAFETY DATA SHEET
VELOPEX AQUACUT SODIUM BICARBONATE POWDER

1. Company/undertaking identification

Manufacturer Medivance Instruments Limited
Barretts Green Road
Harlesden, London
NW10 7AP
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2. Hazard Identification

a). Hazard Symbols Not applicable
b). Risk & Safety: Do not breath dust
Avoid contact with eyes

3. Composition

Substance	Weight in Product (% w/w)	CAS No.	EC (EINECS) No.
Sodium Bicarbonate	>90	144-55-8	

3. First Aid Measures

a). Inhalation Remove to fresh air and rest

b). Eyes Irrigate with water for at least 15 minutes.
If irritation persists, then consult doctor
Remove contaminated clothing

c). Skin Wash with soap/cleaner and rinse with plenty of water

d). Ingestion Do not induce vomiting
Wash out mouth with water
Give plenty of water to drink
Seek medical attention as necessary.

5. Fire-Fighting Measures

a). Suitable Extinguishers: Non flammable material

b). Unsuitable Extinguisher: Not Applicable

c). Hazardous Decomposition: Not applicable

d). Special Procedure: None

6. Accidental Release Measures

a). Exposure Controls: Isolate the spillage

b). Personal Protection: Wear rubber gloves
If eye contact is possible use safety glasses or chemical goggles

c). Disposal Consideration: Scoop up and place in plastic container to await transfer
Dispose of in accordance with Local Authority regulations
Wash the spillage way with water

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7. Handling and Storage

a). Handling

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 a cool, dry, well ventilated area
 Store away from acids

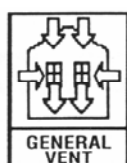
8. Exposure Controls

Occupational Exposure Limit
 Biological Exposure Limit

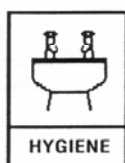
8 hr TWA 10mg/m³ (total dust) 4mg/m³ (respirable dust)
 Not assigned



PROTECT HANDS
 Wear Nitrile rubber gloves



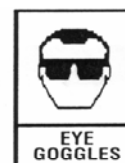
GENERAL VENT
 Use in well ventilated areas



HYGIENE
 If skin is contaminated, wash off immediately



LABORATORY COAT
 Keep skin covered



EYE GOGGLES
 If splashing is likely

9. Physical Chemical Properties

Appearance	White powder
Odour	N/A
pH	N/A
Boiling Point/Range	N/A
Melting Point/Range	Dissociates at $\approx 270^{\circ}\text{C}$
Flash Point	N/A
Flammability	Non-flammable
Auto-flammability	N/A
Explosive Properties	N/A
Oxidising Properties	None
Vapour Pressure	N/A
Relative Density	0.98
Solubility	95% w/w soluble in water at 25°C
Partition Coefficient	N/A
Miscibility	N/A
Vapour Density	N/A
Evaporation Rate	N/A
Viscosity	N/A

10. Stability and Reactivity

Stability:	Stable at normal temperatures
Hazardous Polymerisation:	Will not occur
Contiditions to avoid:	Moisture
Materials to avoid:	Acids (carbon dioxide produced)
Hazardous Decomposition products:	None when stored and handles correctly

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11. Toxicological Information

Oral-Rat LD50 (ingestion)	4220 mg/kg
Health Effects	Irritating to respiratory system. Irritating to eyes
Acute effect	None known
Chronic Effects	None known

12. Ecological Information

No adverse environmental effects foreseen
 Not expected bio accumulate
 Not expected to persist in the environment
 Ecotoxicity: No specific data available
 Practically non toxic to fish. (LCS_o (Lepomis macrochirus) (96 hours) 8600 mg/L)

13. Disposal Considerations

Do not dispose of together with acids
 Dispose of in accordance with local authority regulations

14. Transport Information

UN/SI Number:	N/E				
IMO:	N/E	Packing Grp	N/E	Marine Pollutant	No
IAT/ICAO:	N/E	Packing Grp	N/E		
ADR/RID:	N/E	Item	N/E		
Transport Name:	UK Road - NON HAZARDOUS				
Haxchem/Kemlar Code:	N/E				

N/E = none established

15. Regulatory Information

a). Hazard Symbols	Not applicable
b). Risk & Safety	Not applicable
c). Other regulations	Health and safety Work Act 1974 Control of Substances Hazardous to Health Regulations 2002 Environmental Protection Act 1990

d). Transport information

UN/SI Number:	N/E				
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16. Other Information

Not applicable