

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. Composition

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

3. Hazards Identification.

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

4. 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
c). Skin: Remove contaminated clothing
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 away 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 cool, dry, well-ventilated area

Store away from acids

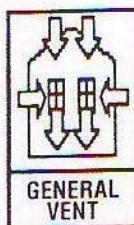
8. Exposure controls

Occupational Exposure Limit:
 Biological Exposure Limit:

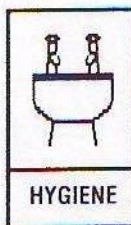
8 hr TWA 10mg/m³ (total dust) 4mg/m³ (respirable dust)
 Not assigned



Wear Nitrile rubber gloves



Use in well ventilated areas



If skin is contaminated, wash off immediately



Keep skin covered



If splashing is likely

9. Physical and 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

N/A = Not Applicable

10. Stability and Reactivity.

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

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11. Toxicological Information.

Orl-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 (LC50 (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			
Hazchem/Kemler 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 at Work Act 1974
Control of Substances Hazardous to Health Regulations 2002
Environmental Protection Act 1990

d). Transport Information:

UN/SI Number:	N/E			
IMO:	N/E	Packing Grp:	N/E	Marine Pollutant No
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ADR/RID:	N/E	Item:	N/E	
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16. Other Information.

Not Applicable