



**REGION 11 CHICAGO EMS SYSTEM
DRUG TABLE**

Drug Name: Sodium Bicarbonate 8.4%

Approved: EMS Medical Directors Consortium

DRUG NAME - GENERIC	Sodium Bicarbonate 8.4%
DRUG NAME - TRADE	N/A
DRUG CLASSIFICATION	Electrolyte replacement, Alkalinizing Agent
Dosage Forms	1 AMP 50 ml [50 mEq] of 8.4% solution, injectable preload
ACTION(S)	<ul style="list-style-type: none"> - Buffers acidosis in chronic renal failure/dialysis patients who are unstable or in cardiac arrest - Shifts potassium into cells - Slows uptake of cyclic antidepressants.
INDICATIONS	<ul style="list-style-type: none"> - Cardiac arrest or wide complex tachycardia with pulse AND suspected hyperkalemia - Consider with wide complex tachycardia or cardiac arrest secondary to suspected tricyclic antidepressant overdose. - Adult crush injuries with victim still entrapped
CONTRAINDICATIONS	- None for indications as listed
ADULT DOSE / ROUTE	<ul style="list-style-type: none"> - Adults: Cardiac Arrest/Wide Complex Tachycardia: 1 Amp of 8.4% solution IV/IO - Adults: Crush injury with victim still entrapped: 1 Amp of 8.4% solution in 1 liter NS infused wide open.
PEDIATRIC DOSE / ROUTE	Call OLMC
SIDE EFFECTS	- Minimal when used as indicated.