

# SPA

**SPA** is mainly used as a collector in cassiterite floatation for tin concentrators. It also finds application in ion extraction, chelation, polymer manufacture, as an additive in paper industry and as corrosion scale inhibitor.



Chemical Name : Styrene phosphonic acid

CAS Number : 1707-08-0

Molecular Structure : 

Formula :  $C_9H_9O_3P$

Molecular Weight : 184

## PHYSICAL PROPERTIES

Appearance : Off white powder.

Odour : Characteristic

Melting point, °C : 140 - 149

## SPECIFICATIONS

Sr. No.	Parameter	UOM	Specification
1.	Purity	%	95.0 Min.
2.	pH of 1% solution in water	-	2.0 ± 0.3
3.	Inorganic phosphate	%	3.0 Max.
4.	Free chloride	%	0.3 Max.

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## PACKAGING

Unit pack	:	100 kgs in HMHD drums. Drums UN approved for ocean carriage
UN No.	:	3261
IMCO Class	:	8
Packing Group	:	III
Quantity per 20 feet FCL	:	8.0 MT

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*For any further information refer our Material Safety Data Sheet.*

SPA

