



FAIRSKY INDUSTRIAL CO., LIMITED

Tel: +86-312-6793216, +86-312-6793218

Fax: +86-312-3110089

Email: fairskychem@yahoo.com.cn

fairsky.chem@yahoo.com.cn

URL: <http://www.fairskyindustrial.com>

Add: Room2901, Parkway Court
No.9, SwanRoad 98#, Baoding City Hebei
China 071000

Sodium monofluorophosphate

Formula: $\text{Na}_2\text{PO}_3\text{F}$

CAS No: 10163-15-2

M. W: 143.95

Properties: White solid whose melting point is 625°C. Sodium monofluorophosphate accounts for 42% of the saturated solution at 25°C. The PH value of its dilute solution (2%) is 6.5--8. $\text{Na}_2\text{PO}_3\text{F} \cdot 10\text{H}_2\text{O}$ can be crystallized from its solution .

Specification: USP24 version and Enterprise standard

Index name	USP24 version	Enterprise standard
Appearance	White powder	White powder
Sodium monofluorophosphate ($\text{Na}_2\text{PO}_3\text{F}$), % \geq	91.7-100.5	96.0
Total phosphorus(P) , % \geq	50	48
Total fluorin(F) , %	--	12-13
Free fluorin(F) , % \geq	1.2	1.2
Heavy metal(Pb), % \leq	0.005	0.005
As (As), % \leq	0.0003	0.0003
PH value(2% water solution), % \leq	6.5-8	6.5-8.0
Drying loss, %	0.20	--

Application: Decayed tooth resistant agent and tooth desensitizer. In the ingredients of the toothpaste, it generally accounts for 0.7-0.76%. It has already substituted for sodium fluoride abroad. It is also used to clean the metal surfact and make special glass, as melting agent, etc

Packing: Fiber drum lined with polythene plastic bag, net weight 50kg