



RX MARINE INTERNATIONAL

Manufacturing & Marketing
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Product Specifications

Product Name	:	SODIUM SULPHIDE – Iron free Yellow flakes
Linear Formula	:	Na_2S
UN Number	:	1564
CAS Number	:	<u>1313-82-2</u>
Molecular weight	:	78.0452 g/mol (anhydrous) 240.18 g/mol (nonahydrate)
Appearance	:	yellow – hygroscopic solid
Odor	:	rotten egg
Packing	:	50 kgs standard / 25 kgs (on request)



Product analysis:

1. Total Sulphide as Na ₂ S	:	50%- 52%	Min.
2. Sodium Hydrosulphide as NaHS	:	2.0%	Max.
3. Excess alkali as NaOH	:	2.00%	Max.
4. Other reducing compounds as Na ₂ S ₂ O ₃	:	2.00%	Max.
5. Iron as Fe ₂ O ₃	:	30 ppm	Max.
6. Sulphate as Na ₂ S ₀ 4	:	1.00%	Max.
7. Chloride as NaCl	:	1.00%	Max.
8. Water insoluble's	:	0.20%	Max.

Process: We produce Sodium Sulphide through Barium Process which is considered as the purest way.
This process material do not have any negative dissolved contents unlike other processes.

Used in / Application :

Manufacturing of **DYE INTERMEDIATES** specially **SULPHUR BLACK**

Application of **SULPHUR DYES**

For Dehairing of hides - in **LEATHER TANNERIES**

Used in **PHARMACEUTICAL (BULK DRUG)** industries as a reducing agent.

For production of Heavy water in **Atomic Power Plants**

For Ore floatation.

in viscose Rayon Industry for **removing Sulphur**

to **remove heavy metals** from waste waters in many industries.

in the **craft wood-pulping process**, it is used in synthetic cooking liquor.