

Crystal Sodium Sulfide

Crystalline sulfide is a Sankyo Kasei original that is rare in the world. Compared with flake sodium sulfide, it has less iron content and is effective for iron-unfriendly reactions in organic synthesis.

Main applications

- ① PPS resin raw material
- ② Organic Synthetic Chemistry
- ③ Leather stripper
- ④ Sulfurization dyeing aid
- ⑤ Copper mine flotation beneficiation

Compounding Example

It is used after dilution to an aqueous solution of suitable concentration.

Packaging

Net weight ----- 30kg

Package ----- Paper bags

Product Information

Chemical name	Crystal Sodium Sulfide	
CAS No.	1313-83-3	
Existing chemical substances No.	1-514	
EINECS No.	215-211-5	
T S C A	○	
Molecular weight (%)	168.1	
Product Specification	Sodium sulfide (sulphide)	46.0±0.5%
	Sodium sulfide	—
	Sodium thiosulfate	1.0% or less
	Sodium sulfite	1.5% or less
	Sodium carbonate (Na ₂ CO ₃)	2.0% or less
	Insoluble portion	-
	Metal(Fe ₂ O ₃)	0.001% or less

Odor: Very strong smell of decay

Characteristics: Strong alkalinity, strong corrosiveness, strong hygroscopicity, exothermic when dissolved in water, oxidized by oxygen in the air to form sodium thiosulfate. Also exothermic when oxidized in air. Reacts with acids to produce hydrogen sulfide gas. Generates sulfurous acid gas when burned.

Product Shape



Product Form



Chemical formula

