

Sodium Hydrosulfide Flakes 70%

Hydrated industrial NaHS flakes for mineral flotation, sulfide chemistry and professional process treatment.

CAS No. 207683-19-0	EC / List No. 240-778-0 (anhydrous component)	Transport Class 8 — Corrosive
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Product Information

Sodium Hydrosulfide Flakes 70% is an industrial hydrated sodium hydrosulfide reagent. The commercial hydrate identifier is CAS 207683-19-0; anhydrous NaHS is CAS 16721-80-5 with EC 240-778-0 and component molecular weight 56.06 g/mol. Water of hydration is part of the solid product, so it must not be confused with anhydrous sodium hydrosulfide.

Specifications

Parameter	Specification
Appearance	Yellow to brown flakes
NaHS content	≥70 % wt
Physical form	Hydrated flakes
Water solubility	Readily soluble

Supply grade, appearance and packing follow the legacy product page. Anhydrous component identifiers are distinguished from the commercial hydrate; an unsupported legacy flash-point entry is omitted.

Typical Properties

Property	Typical Value
Molecular formula	NaHS·nH ₂ O
Molecular weight	56.06 (anhydrous component) g/mol

Applications

Mineral flotation and sulfiding: Sulfide chemistry reagent for appropriate copper and other non-ferrous mineral circuits. Determine pH, controlled addition and ventilation requirements through the actual ore and process assessment.

Pulp and leather processing: Sulfur-containing reagent for selected kraft pulping and professional hide-processing operations. Use a grade suitable for the process and control alkaline conditions, worker exposure and effluent.

Metal treatment and chemical manufacture: Reducing and precipitating reagent in selected industrial metal-treatment and chemical processes. Avoid acid contact, assess potential hydrogen sulfide release and contain process residues.

Packaging / Storage

Item	Information
Packing	25 kg / 1,000 kg bags
Storage	Keep sealed in a cool, dry, well-ventilated segregated area away from acids, strong oxidizers, moisture and ignition sources. Maintain air gaps between pallets and protect packages from direct sunlight.
Handling	Control dust using suitable local extraction. Wear chemical-resistant gloves, protective clothing, eye and face protection. Keep acid contamination out of the process; prevent uncontrolled release and consult the SDS before handling. Hydrogen sulfide may be released; its smell is not a reliable warning. Use gas monitoring and trained procedures where exposure is possible.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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