

Electronic-grade sulfuric acid Product specification

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Transcribed from the supplied screenshots for product-data checking; not a manufacturer-issued specification or a batch inspection report.

Molecular formula H_2SO_4

Relative molecular mass 98.07

Product standard Q/KAISN 05-2018

Physical and chemical properties

The pure substance is a colorless transparent oily liquid, odorless and miscible with water and ethanol; melting/freezing point (°C): 10-10.49; boiling point (°C): 330; relative vapor density (air=1): 3.4; relative density (water=1): 1.84.

Applications

Mainly used in cleaning processes for the solar photovoltaic industry and very-large-scale integrated-circuit chips.

Storage and transport

Packaging group II; corrosive substance. Ensure that containers do not leak, collapse, fall or become damaged during transport. Do not load or transport together with flammable or combustible materials, reducing agents, alkalis, alcohols, alkali metals or food chemicals.

Packaging specifications

Use acid-resistant packaging containers sized to requirements and seal them with lids made of acid-resistant material.

Technical specifications

Product name	Content (%)	Grade
Electronic-grade sulfuric acid	0.49-55	EL/UP/UPS/UPSS/UPSSS, customizable

This document does not replace the applicable SDS.