

Ammonium sulfamate

Inchi: InChI=1S/H3NO3S.H3N/c1-5(2,3)4;/h(H3,1,2,3,4);1H3
InchiKey: GEHMBYLTCSYNY-UHFFFAOYSA-N
Formula: H6N2O3S
SMILES: NS(=O)(=O)[O-].[NH4+]
Mol. weight [g/mol]: 114.12

Physical Properties

Property code	Value	Unit	Source
tf	406.10	K	Thermodynamic properties of ammonium sulfamate
tf	406.05	K	Phase transitions of some sulfur-containing ammonium salts

Sources

Thermodynamic properties of ammonium sulfamate:
Phase transitions of some sulfur-containing ammonium salts:
NIST Webbook:

<https://www.doi.org/10.1016/j.jct.2019.01.021>
<https://www.doi.org/10.1016/j.tca.2014.08.035>
<http://webbook.nist.gov/cgi/cbook.cgi?ID=B6008018&Units=SI>

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

Legend

tf: Normal melting (fusion) point

Latest version available from:

<https://www.cheméo.com/cid/47-905-5/Ammonium-sulfamate.pdf>

Generated by Cheméo on 2026-07-21 22:54:18.582102192 +0000 UTC m=+185554.423987659.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.