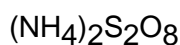
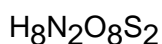


PRODUCT CODE: 131138

Ammonium Peroxodisulphate (APS) (Reag. USP, Ph. Eur.) for analysis, ACS, BioChemica



M.= 228,20

CAS [7727-54-0]

EINECS 231-786-5

TARIC 2833 40 00 00

SYNONYMS: Ammonium Persulphate

PHYSICAL DATA: crystalline powder, White, Soluble in water 582 g/l at 20 °C Thermal decom. above 120 °C • D 20/4 1,98 • M.P.: 120 °C • pH(100g/l)3,2 •

BIBLIOGRAPHY: Merck Index **12**, 575 13, 545 Sax **ANR000** • Safety **2** , **243 B** • Römp **8** , **191** • Kühn-Birett **A 66** • Fieser 1952 2348 3238 515 620 1233 • ACS **XI** •

HAZARDOUS: RTECS: SE 0350000 • LD50 oral rat 689 mg/kg • VLA-ED 0,1 mg/m3



H: H272 • H302 • H319 • H335 • H315 • H334 • H317 •

P: P210 • P220 • P221 • P261 • P264 • P270 • P271 • P272 • P280 • P285 • P301+P312 • P302+P352 • P304+P340 • P304+P341 • P305+P351+P338 • P312 • P321 • P330 • P332+P313 • P333+P313 • P337+P313 • P342+P311 • P362 • P363 • P370+P378 • P403+P233 • P405 • P501 •

TRANSPORT REGULATIONS: UN: 1444 • ADR: 5.1/III • IMDG: 5.1/III • IATA: 5.1/III • PAX: 559 • CAO: 563 • (E)

SPECIFICATIONS:

Minimum assay 98,0 %*

pH of 5% solution < 4,0

Maximum limit of impurities

| | |
|-------------------------------|------------|
| Acidity | 0,04 meq/g |
| Insoluble matter in H2O | 0,005 % |
| Residue on ignition (as SO4) | 0,05 % |
| Chloride and Chlorate (as Cl) | 0,001% |
| Heavy metals (as Pb) | 0,005% |
| Ca | 0,01 % |
| Cd | 0,0005 % |
| Co | 0,0005 % |
| Cr | 0,0005 % |
| Cu | 0,0005 % |
| Fe | 0,001 % |
| K | 0,005 % |
| Mg | 0,005 % |
| Mn | 0,00005 % |
| Na | 0,01 % |
| Ni | 0,0005 % |
| Pb | 0,0005 % |
| Zn | 0,0005 % |

*** At the moment of the batch analysis.**