

## Typical Product Specifications & Properties

# Benzenesulfonyl hydrazide

CAS Number: : 80-17-1

| Specifications               | Limits                                              |
|------------------------------|-----------------------------------------------------|
| Molecular weight             | 172.21                                              |
| EINECS                       | 201-255-2                                           |
| SMILES                       | <chem>c1cc(S(=O)(=O)NN)ccc1</chem>                  |
| InChI                        | 1S/C6H8N2O2S/c7-8-11(9,10)6-4-2-1-3-5-6/h1-5,8H,7H2 |
| InChIKey                     | VJRITMATACIYAF-UHFFFAOYSA-N                         |
| Atmospheric OH Rate Constant | 4.17E-13 cm <sup>3</sup> /molecule-sec              |
| log P (octanol-water)        | -0.14                                               |
| Melting Point                | 102 &deg; C                                         |
| Water solubility             | 7.91E+04 mg/L                                       |
| Henry's Law Constant         | 1.76E-09 atm-m <sup>3</sup> /mole                   |
| Vapor Pressure               | 1.19E-04 mm Hg                                      |
| Storage Temperature          | Flammables area                                     |



| Specifications | Limits         |
|----------------|----------------|
| Melting Point  | 101-103 &deg;C |
| Flash Point    | 110 &deg;C     |
| Merck          | 14,7598        |
| BRN Number     | 640079         |