
Technical Data Sheet

Product Name: SULFURDIOXIDE**CAS:** 7446-09-5**Empirical Formula:** SO₂**Mol. W:** 64.06 g/mol**Synonyms:** Sulfurous oxide,
Sulfurous anhydride.
Sulfur dioxide gas**Product Specification:**

Purity by GC (Area %)	: Min 99.0 %
Non Volatile residue	: Max 800 PPM w/v
Acidity as SO ₃ (SO ₃ & H ₂ SO ₄)	: Max 100 PPM w/v
Moisture content	: Max 200 PPM w/v
Chloride as Cl	: Max 50 PPM w/v
Appearance	: Clear Colorless to pale yellow liquid (Under pressure)

Physical Properties:

Odour	: Irritating pungent
Boiling Point	: - 10° C
Specific Gravity (Water=1)	: 1.187 @ (-) 85°C
Vapour density (Air = 1)	: 2.2
Freezing Point	: -72° C

Shelf Life: Based on hold time study data, sulfur dioxide gas has a shelf life of 6 months in unopened original cylinder if stored at room temperature.**Packaging:**

1. Available in 900 kg capacity tonner (cylinder).
2. Customized Packing is available as per requirement of the customer.

Application: Intermediate for pharmaceuticals, agrochemicals Surfactants.**Safety & Storage:** Please refer our MSDS**Samples** Sample can be provided on request in small capacity cylinders.**Contact Information:** **Shiva Pharmachem Ltd.**
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