



## DIMMITT SULFUR PRODUCTS

### *DIMMITT SULFUR PRODUCTS, LTD.*

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### TECHNICAL BULLETIN POTASSIUM SULFITE, 45% SOLUTION

#### IDENTIFICATION:

Name of product:	Potassium sulfite, aqueous solution
Synonyms:	Sulfurous acid dipotassium salt
Formula:	K <sub>2</sub> SO <sub>3</sub>
Molecular Weight:	158.26
C.A.S. No.:	10117-38-1

#### SHIPPING INFORMATION:

DOT ID No.:	Not Required
DOT Classification:	Not Regulated
Shipping Name:	Potassium sulfite, solution
Shipping Containers:	tank car, tank truck, and drums

#### TYPICAL ANALYSIS:

Appearance:	Pale yellow, clear liquid Pungent sulfur dioxide odor
Assay, % K <sub>2</sub> SO <sub>3</sub> :	44.0 –46.0
pH:	9.0 –10.0
Specific Gravity:	1.45 –1.47
Density @ 70° F, lbs/gallon:	12.08 –12.25
Iron, as Fe ppm:	Maximum of 10
Heavy Metals as Pb, ppm:	less than 10

#### MARKETS AND USES:

- Photographic developer solutions
- Medicine (cathartic)
- Food and wine preservative

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