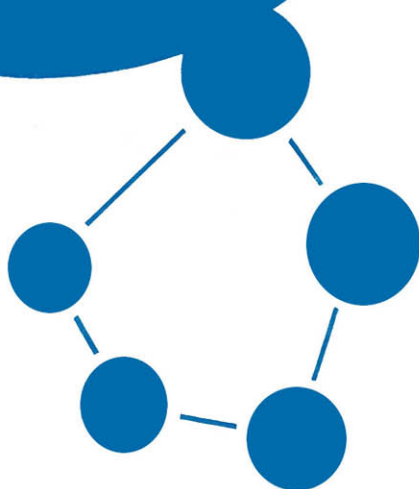


**THE
LABORATORY
HANDLING AND
STORAGE OF
PEROXY COMPOUNDS**



ASTM SPECIAL TECHNICAL PUBLICATION NO. 471

LABORATORY HANDLING AND STORAGE OF PEROXY COMPOUNDS

Sponsored by Committee E-15
on Analysis and Testing of
Industrial Chemicals
AMERICAN SOCIETY FOR
TESTING AND MATERIALS

ASTM SPECIAL TECHNICAL PUBLICATION 471

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NOTE

**The Society is not responsible, as a body,
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Foreword

This publication is the second of a series of papers on safe handling of peroxy compounds sponsored by ASTM Committee E-15 on the Analysis and Testing of Industrial Chemicals. It should be of considerable use to chemists and chemical engineers working with the ever growing list of organic and inorganic peroxy compounds in the laboratory and the chemical process industry. The first in this series of publications is *Fire and Explosion Hazards of Peroxy Compounds*, ASTM STP 394. Future publications will cover the following topics: (1) physical tests for evaluating stability; (2) formation, prevention of formation, and removal of peroxides from solvents; (3) hazards in purification; (4) chemical tests for qualitative detection; and (5) toxicity and physiological effects.

**Related
ASTM Publications**

**Fire and Explosion Hazards of Peroxy Compounds,
STP 394 (1965), \$1.50**

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