

W. R. GRACE & CO.
RESEARCH DIVISION



Washington Research Center, Clarksville, Maryland 21029

GRACE CONFIDENTIAL

CONSOLIDATED MONTHLY SUMMARY

February 1970

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RESEARCH DIVISION



Washington Research Center, Clarksville, Maryland 21029

March 13, 1970

RESEARCH DIVISION & OTHER TECHNICAL GROUP UNITS AT WRC
MONTHLY REPORT FOR FEBRUARY 1970

CONSOLIDATED EDITION

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This report contains information on the following
activities at the Washington Research Center:

INORGANIC MATERIALS RESEARCH

- I-1 Zeolite Stability and Activity
- I-2 New Molecular Sieve Compositions
- I-3 Fluid Bed Oxidation of o-Xylene
- I-4 KEMALOX Task Force
- I-5 Advanced Naval Fuels
- I-6 Advanced Space Fuels
- I-7 Patent on Radioisotopes in Microspheres
- I-8 Exploratory - Polywater Research
- I-9 Exploratory - Separation of Rare Earths with Zeolites
- I-10 Lightweight Construction Materials
- I-11 In-Situ Chlorine Generation

ORGANIC MATERIALS RESEARCH

- O-1 Low Cost Curable Liquid Polymer Systems
- O-2 Curable Liquid Polymer Rollers
- O-3 Exploratory - Substitute for Q-43 Crosslinking Agent
- O-4 Exploratory - Alternative CLP Systems
- O-5 Exploratory - Model Photopolymer Systems
- O-6 Exploratory - Photoresists for Photochemical Machining
- O-7 Exploratory - Curable Liquid Polymer Orthopedic Casts
- O-8 Organic Materials Research - Divisional Contacts

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AGRICULTURAL RESEARCH

A-1 Sphagnum Moss-Vermiculite Planting Devices

BIOCHEMICAL MATERIALS RESEARCH

- B-1 Adapted Rumen Microbes (ARM)
- B-2 Derivatives of Isobutyraldehyde - Use in Poultry Feed
- B-3 Scours Preventative
- B-4 Animal Nutrition - Rumen ByPass Materials
- B-5 Improvements in Pickle Manufacture
- B-6 Exploratory - Protease Enzymes in Sodium NTA Detergents
- B-7 Enzymatic Treatment of Cocoa Beans

GOVERNMENT CONTRACT RESEARCH

- G-1 Pre-Contract Work
- G-2 Rare Earth Chelate Separation
- G-3 Flame Retardant Plastic Compositions - Navy

OTHER RESEARCH & DEVELOPMENT

- OT-1 Computer Techniques and Gas Chromatography
- OT-2 Assistance to Latin American Group, Oxychlorination Reactor Problems
- OT-3 Grace White Sugar Process

These items are included in the various editions
of the report as shown below:

ACG Edition	A-1; B-1,2,3,4
DAV Edition	I-1,2,3,4,9,10; G-1,2; OT-2
HAMP Edition	B-6; G-1,2
COV Edition	O-8; G-3
HATCO Edition	I-3; O-3; B-2; G-3
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SPG Edition	I-11; O-7; B-6,7; G-1
LAG Edition	OT-2,3
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P&CD Edition	O-1,5,6,8
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