



# TECHNICAL INFORMATION SHEET<sup>1/121</sup>

## COSAN CHEMICAL CORPORATION

481 RIVER ROAD • CLIFTON, N. J. • 07014 • 472 4400 • CODE 201

**ACCEPTED**  
  
JUN 27 1968  
UNDER THE FEDERAL INSECTICIDE,  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTRATION  
ED UNDER NO. 77897

### PARACHLOROMETACRESOL (PCMC)

U.S.D.A. REG. #8489-7

**PRODUCT:** Parachlorometacresol (PCMC) is a high purity chemical, suggested as an anti-microbial agent, for industrial water-base and emulsion compositions such as adhesives and coatings, to impart package stability.

**USE:** The exact concentration required will vary with the composition to be protected. As a rule of thumb, a range of 0.05% - 0.15% PCMC/total weight of product will offer adequate preservation. In the case of bone glues, casein based adhesives, and similar compositions, higher levels may be necessary.

FOR SPECIFIC RECOMMENDATIONS PLEASE CONTACT COSAN CHEMICAL CORPORATION. MICROBIOLOGICAL ASSAY CAN DETERMINE THE EXACT LEVEL REQUIRED FOR YOUR PARTICULAR FORMULA AND DESIRED END USE. THE COSAN LABORATORIES ARE READY TO SUPPLY THIS GUIDANCE.

### SPECIFICATIONS:

Active content (minimum purity 99%) .....	100%
Physical form .....	crystalline solid
Boiling Point (760 mm).....	230.5° C
Boiling Point ( 10 mm).....	111.0° C
Melting Point .....	63 - 64° C
Solubility .....	soluble in most organic solvents limited solubility in water
Specific Gravity .....	1.215
Apparent density .....	loose 0.887
Stamped .....	0.912

**WARNING:** THIS PRODUCT IS DANGEROUS WHEN HEATED TO DECOMPOSITION, LIBERATES HIGHLY TOXIC FUMES OF PHOSGENE. MAY BE ALLERGENIC, AVOID SKIN CONTACT. "MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN: MAY PRODUCE SEVERE BURNS: DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. AVOID BREATHING SPRAY MIST. WASH THOROUGHLY AFTER HANDLING."

BUYER ASSUMES ALL RISKS OF USE, STORAGE OR HANDLING OF THIS MATERIAL NOT IN STRICT ACCORDANCE WITH DIRECTIONS GIVEN HERewith.

CONTENTS 100 LBS. NET USDA REG. NO. 8489-7

PARACHLOROMETACRESOL (PCMC)

ACTIVE INGREDIENTS:

Parachlorometacresol..... 100%  
(Minimum purity - 99%)

SOLD FOR MANUFACTURING USE ONLY

See Technical Information Sheet #121

WARNING: KEEP OUT OF REACH OF CHILDREN

**ACCEPTED**  
**JUN 27 1968**  
UNDER THE FEDERAL RESERVE  
FUNCTION AND MODERNIZATION ACT  
FOR ECONOMIC POLICY REVISION  
BY USDA NO. 8489-7

"WARNING: MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN. MAY PRODUCE SEVERE BURNS! DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. AVOID BREATHING SPRAY MIST. WASH THOROUGHLY AFTER HANDLING."

CAUTION: Disaster Hazard: - Dangerous when heated to decomposition. Liberates highly toxic fumes of phosgene (Ref. Dangerous Properties of Industrial Materials - Sax, et al. Rheinhold: 2nd Ed.) May be allergenic, avoid skin contact. (Gleason, Gosselin Hodge: Clinical Toxicity of Commercial Products: Williams & Wilkings: 2nd Ed. 1963)

MANUFACTURED BY



481 RIVER ROAD, CLIFTON, N. J.