

FOR ~~USE ONLY~~DATE August 14, 1969TEST CONCLUSION NO. T.A.-C. 69-412OFFICIAL PRODUCT NAME 2-Chloro-4-Nitro AnilinePRODUCT CODE NO. 142160-2POUNDS PRODUCT ACTUAL 10,277AREA Azo-NaphthaleneBUILDING NAME Autoclave House No. 1TITLE Production For Azo Demonstration UnitOmit Product BCOPREPARED BY: K. R. Weaver

PURPOSE OF TEST: To produce a nutsch cake product that will give thin slurries at 27.5% concentration in ADU processes by omitting Product BCO from the isolation step. Slurries made from this type of OCPNA were thinner than those made with normal production.

RESULTS OF TEST: Four charges of OCPNA (Nos. 248, 250, 253 and 254) were made without Product BCO in the drowning (precipitation) tub water. The product analysis was normal on F.P. (107.1°C) and Diazo Insol. (good to better than standard). Solid contents (paste purity) averaged 45.9% (range 36.1 to 58.5%) which was on the desired range.

One advantage in using no Product BCO in the drowning tub is a reduction in the amount of foaming occurring during this step, thus improving the nutsch operation.

RECOMMENDATIONS: If more material containing no Product BCO is needed by ADU this method is satisfactory for LPA No. 1 use.

Since Product BCO is not necessary in OCPNA which is to be dried, it is recommended it be eliminated from OCPNA made for dry use.

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APPROVED BY: [Signature]AUTHORIZED BY: [Signature]

SUPT., PRODUCTION AREA

DATE

DATE

SUPT. PROCESS DEPARTMENT

DATE

DATE

FOR COMPANY USE ONLY

DATE June 30, 1969

TEST AUTHORIZATION NO. TA-669-412

OFFICIAL PRODUCT NAME 2-Chloro-4-nitroaniline Paste

PRODUCT CODE NO. 142-160-2

POUNDS PRODUCT PROPOSED 11,000

AREA Azo-Naphthalene

BUILDING NAME Autoclave House No. 1

TITLE Production for Azo Demonstration Unit - Omit Product ECO

PREPARED BY: R. C. Franklin

RESPONSIBLE FOR TEST
AND TEST CONCLUSION: K. Weaver

PURPOSE OF TEST: To produce a nutsch cake product that will give thin slurries at 27.5% concentration in ADU processes, by omitting Product ECO from the isolation step. Slurries made from this type of OCPNA were thinner than those made with normal production.

DURATION OF TEST: Four charges for next ADU requirements.

STANDARD INVOLVED: Chambers Works Process dated May 23, 1966.

TECHNICAL BASIS FOR CHANGE: CHNE-2900-992, 996

TEST DETAILS:

(INCLUDE SAFETY AND WASTE DISPOSAL)

Under "Drowning and Filtration", omit the addition of any Product ECO to the drowning tub. No other changes are involved. Label this production with ADU after the charge number.

No changes in Safety or Waste Disposal.

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