**Monsanto** INDUSTRIAL CHEMICALS CO.

FROM (NAME & LOCATION) R. H. Mills, So. 2nd St., St. Louis, Mo.

DATE : December 3, 1971

SUBJECT : Santicizer 790 - Mocan

REFERENCE :

TO : L. O. Raether
LRAET

cc: M. W. Farrar - Res 1
J. R. Darby - Res 1
R. N. Brell - RBREL
R. W. Bucknell - RBUCK
R. V. Johnson - RJOHN
P. R. Graham - PGRAH
J. A. Cannon - Res 3
A. W. Morgan - Res 3
N. W. Touchette - Res 3

You had asked for identification and analysis of Santicizer 790 from Mocan.

Samples were obtained from two drums in the warehouse. These two samples had the same refractive index so should be the same material. A GLC scan gave a typical curve for this type of product. The samples contained 0.2% alcohol and 0.3% other low boilers. One sample was sent to the JFQ analytical lab and the following analysis obtained.

| | S-790 Mocan | Specification |
|---|---|---|
| Appearance | V.Slt. Opalescent | Clear,oily liquid |
| Acidity, meq/100g. | 0.08 | 0.12 max. |
| Color, APHA | 20 | 50 max. |
| Moisture | 0.08% | 0.10% max. |
| Refractive Index at 25 | 1.4826 | 1.481-1.485 |
| Specific Gr. at 25/25 | 0.9770 | 0.973-.978 |

The S-790 met all specifications except for clarity. I could see no haze in the sample.

R. H. Mills

ds

DSW 587618

STLCOPCB4092954