



REF: ~~100-100~~ TGG: RF:

XF: MSDS Rev

Conoco Chemicals Company
A Division of Conoco Inc.
15990 North Barker's Landing Road
P.O. Box 19029
Houston, TX 77224

April 3, 1984

Mr. Frank Lucido
Trans World Airlines, Inc.
P.O. Box 20367, 1-215 MCI
Kansas City International Airport
Kansas City, MO 64195

RE: LPA Solvent

Dear Mr. Lucido:

Enclosed is a Material Safety Data Sheet for Conoco Chemicals' LPA Solvent. LPA contains no constituents listed in OSHA 1910.1000-1046, or the most current TLV list. The only applicable exposure limit recommendation to be found is in the criteria document referenced on the MSDS. However, the analytical data below is provided for your information.

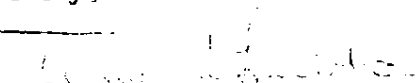
LPA CONSTITUENTS

APPROXIMATE WEIGHT-PERCENT

Isoalkanes C ₁₀ -C ₁₈	17.1
Monocyclic Alkanes C ₉ -C ₁₅	28.6
Bicyclic Alkanes C ₁₀ -C ₁₅	45.3
Tricyclic Alkanes C ₁₁ -C ₁₅	8.4

Please call if you have further questions regarding the safety and health aspects of this product.

Sincerely,


Thomas G. Grumbles, C.I.H.
Director, Industrial Hygiene

ajo

Enclosure

cc Bruce Borsuk
T. J. Lorenz

VVV 000012344



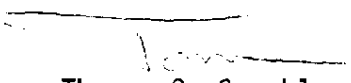
~~CONFIDENTIAL~~ ~~100~~ ~~RF~~
XF: Aberdeen

Interoffice Communication

To Gerald Uptain
From Tom Grumbles
Date April 3, 1984
Subject PONCA CITY ANALYTICAL RECORDS

The enclosed discusses our access to the subject records. Assuming we go to an outside lab at closing to do our lead analysis, we would definitely have access to the records for the 12 months that we need by regulation. The Vista R&D support services agreement is for 3-5 years.

Based on the enclosed, we do not need to obtain copies at this time.


Thomas G. Grumbles

ajo

Enclosure

cc Al Sather

VVV 000012345



RECEIVED

APR 02 '84

Interoffice Communication

To T. G. Grumbles

From R. B. Martin

Date March 28, 1984

Subject PONCA CITY ANALYTICAL RECORDS--OSHA DATA REQUIREMENTS

Route: _____

Copy: _____

File: RF w/ letterRef: MEMO FROM TOM GRUMBLES TO CHARLIE STARKS, MARCH 13, 1983, ON
"PONCA CITY ANALYTICAL RECORDS"

I have reviewed the question of data access with the Conoco personnel, and I find no problem regarding access to these data as long as the Vista/Conoco service agreement is in effect. Based on the current wording in that agreement, Vista R&D will be on-site for at least three years. Vista R&D can also retain whatever records that exist on Vista samples.

Robert B. Martin

ck

cc: CMS WDL AHS/Aberdeen

VVV 000012346