→ W.R. Haight

St. Louis Research Department

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Special Aroclor 1248 1242 Blend

W.R.Richard
L.R.Stark
D.F.Smith
P.N.Biven

Robert Moody
O.E.Kolin
Anniston

This letter confirms my teletype and also our phone conversation on January 13, 1966.

Process for Aroclor 1248/1242 Blend. This product is being made for FMC Corporation, Nitro, West Virginia for use as a hydraulic fluid component.

Composition

		lbs/100 lbs finished goods
Aroclor 1248	Code 81102	72
Aroclor 1242	Code 81101	28

Specifications (Finished Goods)

Property	Tentative Specifications	Typical Property
Viscosity 100°F	~~152~~ 155 - ~~169~~ 167 SUS	157 SUS
Specific Gravity 25/25°C	1.4~~500~~ 500 - 1.~~4370~~ 4400	1.4355
Color	APHA 100 max.	8
Flash Point (COC)	370°F minimum	400°F
Moisture (%)	~~0.1 max.~~ 100 ppm	0.02%
Acidity (mg.KOH/g)	0.1 max.	0.001

Blending Conditions

Any suitable vessel can be used. Moderate agitation for 20 minutes at 50°C should insure thorough mixing. Charge of raw materials should not vary by more than one percent. In making adjustments, an addition of one percent of either component will change the specific gravity of the blend about 0.0007 units.

Toxicity and Hazards

Usual precautions while working with Aroclors.

R. W. Street

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