D. A. OLSON - ST. LOUIS

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Aroclor Toxicity

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MMK has just issued a market plan for Santotherm in Japan. In a discussion of the competitive chlorinated biphenyl manufactured by Kaneka (Kaneclor), the following is stated:

> "It was only last month that a serious accident happened at an edible rice-brand oil manufacturing plant in Kitakyushu, where Kaneclor in use leaked out into edible oil through stainless steel piping. The authorities investigated the whole plant and found out cracks of the Kaneclor circulating stainless steel pipe. As many as 12,000 people suffered from toxication in addition to a great number of chickens fed with the oil died. The Ministry of Welfare shut down the plant. The sensation was caused. The investigation is still going on but it is certain that 5,000 to 7,000 PPM of Kaneclor contained in the food oil caused toxication. It is very unfortunate that MMK just started market campaign when Kaneclor is giving the same market notorious influence."

This is most distressing, and I thought you may want it for your meeting with Calandra.

We should carefully evaluate whether there is a significant risk in selling Therminol in food applications, and what guidelines should be used.

Let ~~me know~~ if we can help you get further data from Japan.

WHY THE STAINLESS PIPE? IT IS KNOWN THAT ONLY A FEW PARTS PER MILLION OR LESS OF CHLORIDE IONS, PLUSS TRACE OF MOISTURE CAN CAUSE STRESS CORROSION (CRACKING) OF STAINLESS STEEL UNDER THERMAL OR MECHANICAL STRAIN. ANY AROCLOR HEATING SYSTEM WILL PROVIDE THE FACTORS NEEDED TO HAVE STRESS CORROSION IN STAINLESS STEEL. SPECIAL STUDIEMENT IS ALWAYS REQUIRED WHEN USING SS WITH AROCLOR HEATING. EXPERIENCE AS THE ABOVE CAN BE VERY HARMFUL TO OUR AROCLOR BUSINESS.

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/mh

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TRAN 057423

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