Carrier 1109 versus Aroclor 1221

Comparative Typical Properties

Product Name:	Carrier 1109	Aroclor 1221
Appearance	Oily Liquid	Oily Liquid
Color, APHA (maximum)	100	100
Moisture, ppm	100	100
Specific Gravity 25/15.5°C.	1.135	1.182 - 1.192
Crystallization Point, °F.	50 - 60	34
Viscosity, cs		
@ 25°C.	--	--
@ 37.8°C.	3.6	3.6 - 4.6
@ 98.9°C.	~1	~1
Vapor Pressure, mm Hg (estimated)		
@ 150°C.	12	9
@ 200°C.	70	55
@ 300°C.	>1000	760

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TO ASSIST YOU IN THE EVALUATION OF THE ABOVE PRODUCT, WE HAVE OBTAINED THE INFORMATION CONTAINED IN THIS BULLETIN FROM LITERATURE SOURCES AND PRELIMINARY INVESTIGATION IN OUR OWN LABORATORIES. WHILE WE BELIEVE THE INFORMATION IS ACCURATE, WE ASSUME NO RESPONSIBILITY AND DISCLAIM ANY LIABILITY INCURRED IN USING THESE DATA OR SUGGESTIONS. ONLY QUALIFIED TECHNICAL PERSONNEL SHOULD WORK WITH THIS PRODUCT UNTIL SUBSEQUENT STUDIES JUSTIFY ITS USE IN YOUR PRODUCTS OR PROCESSES. OBVIOUSLY NOTHING IN THIS BULLETIN SHOULD BE CONSTRUED AS A RECOMMENDATION TO USE ANY PRODUCT IN CONFLICT WITH EXISTING PATENTS COVERING ANY MATERIAL OR ITS USE.

MONS 073214

Toxicity Carrier 1109 vs. Aroclor 1221

	Carrier 1109	Aroclor 1221
Acute Oral LD_{50} Rats Mixed Sex - Undiluted	1790 mg/kg - classed as slightly toxic	3980 mg/kg - classed as slightly toxic
Acute Skin Absorption Minimal Lethal Dose - Rabbits - Mixed Sex - Clipped Intact Skin - Undiluted	>2000<3160 mg/kg - classed as slightly toxic	>2000<3160 mg/kg - classed as slightly toxic
Acute Skin Irritation - Rabbits Mixed Sex - Clipped Intact Skin - Undiluted	Average maximum score 5.6/8. Classed as severe irritant	Average maximum score 3.8/8. Classed as moderate irritant
Acute Eye Irritation - Rabbits Mixed Sex - Undiluted	Average Maximum score 16/110. Classed as mild irritant	Average maximum score 8/110. Classed as slight irritant
Vapor Inhalation - Rats - Male 6 Hours exposure - Ambient Temperature	No untoward signs during the 6 hours of exposure nor during the 10 days of observation. Classed as practically non toxic.	--
Interpretation:	In case of ingestion do a careful gastric lavage. It is advised that skin protective equipment be worn when handling this product. The severity of skin contact reaction is exaggerated by the 24 hours of contact since 1 hour of contact produced a score of 1/8 which is classed as slight. In case of skin contact, wash off with soap and water In case of eye contact, flush out with water as soon as possible.	

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