Environmental Compatability Assessment - Data Sheet EC-201 (cont.)

MCS-1330

Description of the Product - BLEND!

HQ-40 (hydrogenated quaterphenyl)	37.0 % wt.		
Triphenyl Phosphate	35.0	Paraplex G-62	0.30
N_2C Phosphate	20.0	R.T. Vanderbilt Co OD-707	0.05
Diisodecyl adipate	5.5	Tolyltriazole	0.05
Jeffox OL-2700	2.4	DC 200, 350 cs	0.002

Probable End Uses -

fire resistant hydraulic for mining machines - principally coal mines. May find some applications in non-mine industrial hydraulic applications

A. Is the acute toxicity (via oral ingestion, skin absorption, inhalation) known or can it be estimated by analogy based on data for chemically related compounds? Indicate below:

	Known		Estimated	
1) oral LD_{50}-rats	_____	or	_____	mg/kg
2) skin absorption MLD-rabbits	_____	or	_____	mg/kg
3) inhalation effect	_____	or	_____	
4) skin irritation potential	_____	or	_____	
5) eye irritation potential	_____	or	_____	

B. Are harmful effects from repeated or chronic exposures known or can they be predicted by analogy?

C. Will 1) wastes from manufacturing
2) anticipated use, and/or
3) ultimate disposal of end product create environmental problems because product fails to readily degrade or decompose?

D. Is there an indication based on data or analogy, that the product can be stored or concentrated in biological systems?

E. Is it likely that harmful secondary reaction products will arise from a harmless-appearing parent as a result of chemical, biochemical, or biological activity in the environment?

NOTE: The Medical Department should be consulted for answers to Questions A and B. Questions C - E require speculation by people knowledgeable about the process and end use.

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