

FOOD & AGRICULTURE LABORATORIES OF AUSTRALIA Pty. Ltd.

Sokerol(Aust)P/L.
P.O. BOX 171
TIN CAN BAY
Q. 4580

Attention: Mr. A. Haines

Wednesday, April 29, 1987

Dear Sir,

REPORT ON SOKEROL

SCOPE:-

The sokerol was tested for its ability to absorb high boiling point hydrocarbons (ie hydrocarbons which, when spilt, do not evaporate quickly and are either flammable or toxic) causing problems in mop-up operations.

Three hydrocarbons were chosen for these tests, they were Butanol which has a low specific gravity and is flammable, chloroform - has a high specific gravity, toxic; and xylene which is mid-range of specific gravity and is both toxic and flammable.

RESULTS:-

<u>HYDROCARBON TESTED</u>	<u>ABSORBANCY OF HYDROCARBON</u>	
	<u>WT/Kg Sokerol</u>	<u>Vol/Kg Sokerol</u>
Butanol	1.22Kg/Kg Sokerol	1.521/Kg Sokerol
Chloroform	1.96Kg/Kg Sokerol	1.361/Kg Sokerol
Xylene	1.24Kg/Kg Sokerol	1.461/Kg Sokerol

(Results were obtained after a 2 min. contact time.)

CONCLUSIONS:-

Sokerol absorbs more than its own weight of all the hydrocarbons tested and in the case of chloroform, almost twice its own weight. On a volume basis it absorbs about 1 1/2 times its own weight in volume of hydrocarbon.



COOPERS PLAINS, Q. 4108.
PH: (07) 345 4566

ANALYTICAL LABORATORY.
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RESEARCH & DEVELOPMENT.

These tests show sokerol to be effective in absorbing high boiling point hydrocarbons, and the resultant cake cloggs together and would be easily shovelled away.

Report by:-



R.M. Scurr