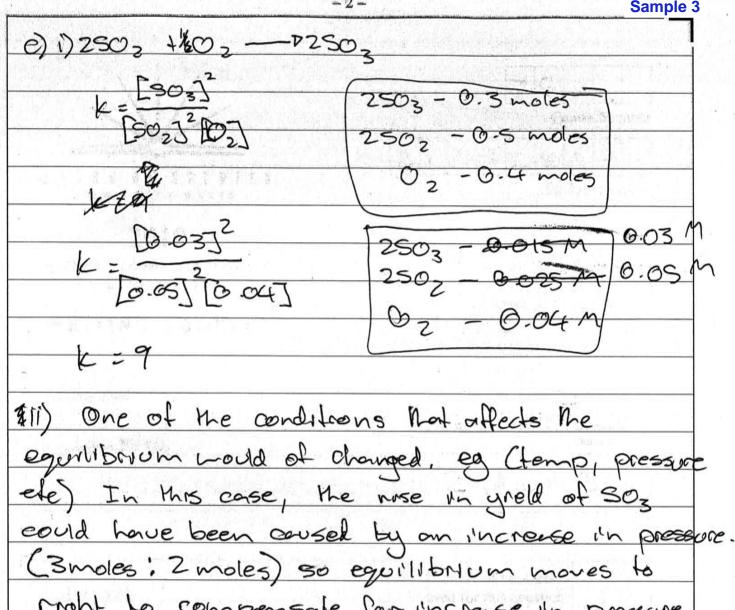
Start here. a) Morcury Cell. Borne (NaCL) is pumped into the cell Cusually sourced from Salt mater from the sea; Cheap). The anode in this cell is mercury which runs down a small slope as a liquid. The cation is Plutonium plates positioned chose to the running mercury.
This cell norts as an electrotype cell, and is osed the toleres reduced used in the production of sodium hydroxde (NaOH). NaCL Not x2CK + OHT + HIZE ROOH ZNaCL +ZHZO -DZNaOH + CL + HZ b) Molton sodown chloride is electrolysed with the absence of 140, & so doesent form NaOH. NaCL - Nat + CL Agreeous sodium chloride is NaCL + HZO, and so forms NaOH, when NaCL is split into Nat & CLT, & HZO is split into OH & H+ ZNOCL + 2H, O - P 2NOOH + Chy +H2



right to compensate for increase in pressure. But because the total moles of the equilibrium cannot change, there we me in yield of 503, is proportional to the decrease in yield of 502.

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practice and the second second

The control of the State of the

has passed.

Starphere Saponifecation

A - alkownork acrd. (alcohold)

(ii) By adding an onl (eg olive oil, vegetable oil)

with an alcohol in an evaporating basin. And

A containst is used (HzSOy), and the mixture

is heated untill it turns solid. Goggles need to

be want to protect the eyes from sprtting subdance
(acrd). Glaves should be worn when handling the

end product, and when combining substances, as

1+2504 is a stoong acrd. Harr brust be tred

back as to prevent it lighting on fire. Equipment

must not be fouched until Sufficient cooling time

e) CaCOz 15 an important substance in the production of the Solvay process. Immestance is a good source of CaCOz, and is relatively pure in its natural state. Immestance is an abundant substance on earth, and so its very cheap. However, the process to break dain CaCOz requires alot of energy (heat energy). As nell as this, the mining of lumestone can devestating effects on the anurronment. During the mining process the top layer of vegetation (above the source of limestone) needs to be cleared. This can be huge orien's, which may be home to a romae of plants and animals. Mot only this,

Question 32	2010 HSC Chemistry	Band 4/5 Sample 3
after mining oc	curs, the geography of the	PRECENTATION PROPERTY.
harbortest change	es. The mining process	s he
transportation	n of the heavy stone also	used alot
of energy,	and the combostoon of	? \$056 VI
hes.		Santial Seasons
CALLER TO THE WORK .		
Cacoz	- P CaO + CO2	
arga		
	a O can be harmful to 1	he environme
H 10 ama	ste product in the Solution	ay process,
and 15 USUa	lly dumped into the oc	ean or
lakes, who	in can have deschelled	he nature
	rese aquatic aires.	100 PM
		1 100 11 1
		KI A
	e avalentine pre i vijeskojnje Spragolenie Laci (Parcelogi, 23. sprace i cali i	
	n maket i kin mangangan saggar bendan sa mangan saggar sa mangan mengali mengali mengali mengali mengali mengal Kanggangan diginangan saggar	

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