PIOC, UNIT- 3: ANTI-MICROBIALS

OFFICIAL COMPOUNDS

- 1. BORIC ACID,
- 2. CHLORINATED LIME,
- 3. HYDROGENPEROXIDE,
- 4. IODINE,
- **5. POTASSIUM PERMANGANATE**

Definition

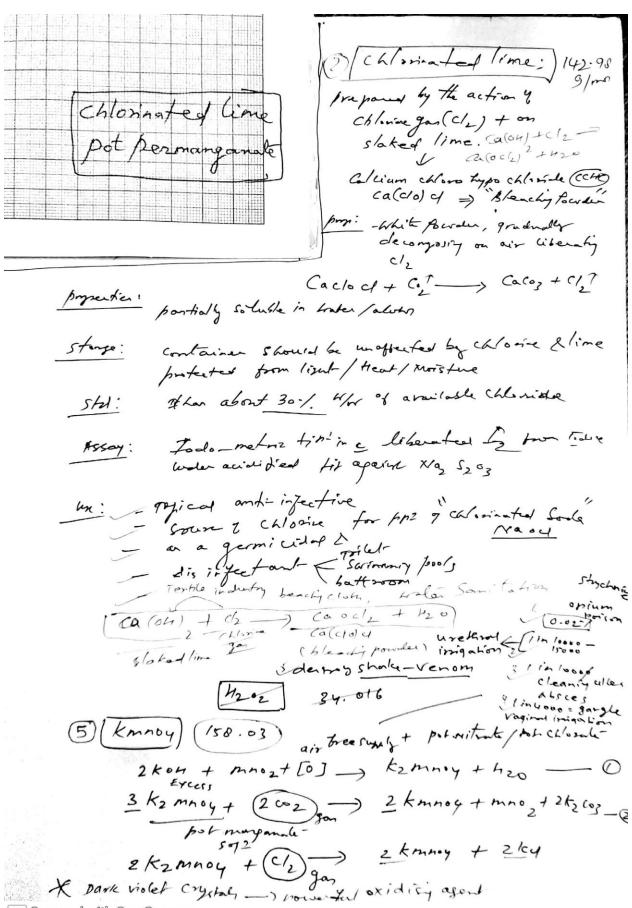
Agents used to inhibits the growth or kill the micro-organism as they can causes infection example: bacteria, virus, fungus, etc

Classification:

Inorganic compounds

1. Halogens	Iodine, lugal solution, Bovidone-iodine chlohexidine
2. Oxidizing agents	Hydrogen peroxide, Potassium permanganate
3. Acids and alkali	Boric acid Salicylic acid, ammonia
4. Mettalic salts	Silvernitrate, coppersulfate, zinc oxide

United Antimico Sines Pricaria - 43 Big 61.83 Anti infective agents breventy infection ducti (2) Chlorinated | . Caclock : revening - bactericide (2) Hydrogenfermide: 42.2: 2 - pests -4 - parasilai - parasilicide (Iodie : 7 : (Gray for Topically but for onelly) (5) pot fermangemente: KMMoy: 158.03 of Bosic Arid , volcanse steam from a nemoved & punished synthems: Lat: Naz By og + 454+5420 -) 4 H3 Bo3 + No2 507 pry: Sparry soluble in tradic (1:20) alaks: (1:16) (1:4 in guyenne) - 1.9 -1.4/v 50/2: is fonic = 6/0.0 Huit - Heat acid > 4203 - From extent poly hydra dway (glylens) 2 64 -04 + 43 Bos A HC-0 B- + 43 bos 2 hzo 4 c = 0/ 0-cm2 staciliz alycent brate - 2420 - 2 561: \$: 99.5-/. X on Leaty: A too'c 4802 + 30 (8) > MBA h3 Bog -(4) 4802 × 160°C 42 8407 + 30 (8) 7 18A 42 Bg 07 (Ted) A () Bg 03 + 120 + Bown This rick ung phenoph thatein - durby powder - ant- sey hiz creamy ointmove / lohim Poric - prog chlorinated sode on chlorinated line - on Luffer Storge: clearly to mat for internal one well-crosed Contactor



"Chile Sallfeter [1. N/D103 = Sad. iodale 4 Todie 1. p. 1259. 8 (MM) 2. Na Hsoz = sod. bisuitité 3. Na 2 soy = sod. surfale 4. Na I = sod. Todiole S. X1925203 = Sod. this Sulpak-Source: Mother liquer Contain Salt peler [Milmle Mineral] 11: 2 Na/03 + 5 Na 4 So3 -> 2 Na2 Soy + 3 Na 4 Soy + 3 + 12 + 12 0 properties: black metallic lusture = metalloid 1 in 400 - hater freely soluble in CHels
1 in 12 - alyumn
1 in 10 - alway St. Todice (52
2 hro KI+ 12-9 K13 Assay: Tools-metric

Na25203 + I2-9 (Na7)+ 2

Sod. this Sulgate 500, tel. to Storm: Well closed Container & stoppen glass for Rubber Howith 2-1. 55/2 lodie in habe = 16/ Vissa aid 6 2-1 St. Todare [10-1. W/v t2
6.1 W/v k1 in alway st. looker 5-1. India
3 Week Todare [2.5-1. t2
2.5-1. k1 in alway
4) Agreem Todare [lugot's 572]

[5-1. T2
[10-7. k1 in Later
on Not 6 an Fank's equicitary of Teeline in alylening to and sequence of farmindary Throat found in plant for the perfectant in plany of this

Teacher's Signature	V
Movidone- vodice Betadine soll	
IV p - 10 dice or ontment	
holy vir- hyprolidite - Todite aeross	
q-ht. 4/10/10 lodice is absorbed powder dresgich	
- yellovish brown pourder - bacteria	
- Solutie in 4ster /-04 - huri	
- loclophaves	
other Similar Congred: poly-oxy-ethylare	
2 Monskind	
3 - Caderones	
(3) 1/202 In/Usp (34.01 MM)	
Method of 1	
preparation A small scale from Barium peroxide &	
(1) Ba 02. 8420 + 42504 Basoy+ [4202 + 8420	
insotuste	
(ii) Bao, 8420 + Cost Baco3 + 7420 + 14202	
Baco3 + 7420 + 1202	
(111) Na2 02+ 42504+10420 - Na2504.10.420+ 14202	
Mydrated Sod Suizel	
1/ Sol from 50-/H2 Sol 26 2 Separated	
Margescale: from 50%. H250 y -> per surface deing-) de compaced by heart-withing	4-120
2 H2 Soy Electrys 1 S208 + 12 T distillation under pressure	_
1 24 Gy + 1/202	
(a) 2400 -) 240 50 y + (+202	
for fundy on obtained	
officed 142. 27 / 4/V (100 Hg)	=
00 -/ W/ (30M)	EX
/ / DIEG 361 LOVI CA	tro
IIRCHIAT L	

Lodine - - - Colouren fortalen fingling sensa him C * highly unstable - decongose du tota ? Whenhalm Todine ... 2 H202 - 92 H20 + 021 Redox rendim: (1) H₂₀₂ + 2 T + 2 H -) (T₂) + 2 H₂₀ 2 H2.2 +2Mnoy+ 647 -> 2mn+ +8 H20+5017 lises: - Nascent exigsin for exidation purpose - dis infections/mild and Suffice

- des dorant or cleaning hound

(Mount from 3 / or len)

- domenticcleaning st. sup: 15./. toamy action can be used too change hand have: Contalogo honter deiny an