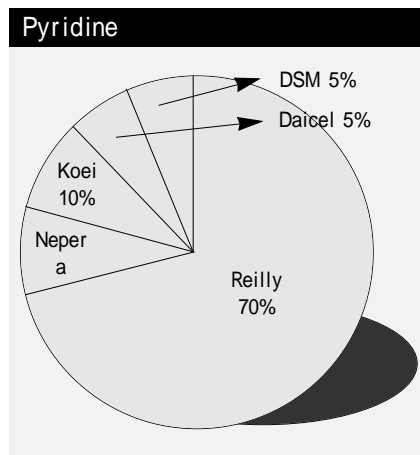
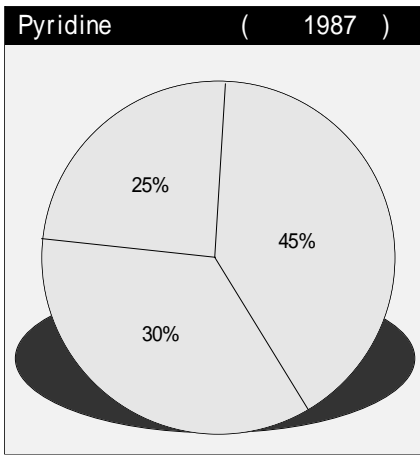


<Pyridine>

Pyridine

가 . 가

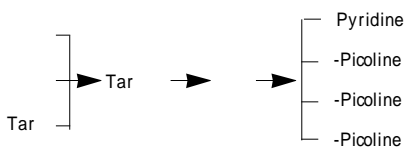
0.978(20) , (B.P.) 114.5~116.5 , (M.P.) -41.71 . (M.W.)
79.10 .
(,) ,
, 가 , ,



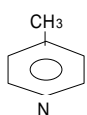
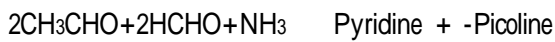
	(: M/T, 1000)	
1983	-	1,893
1984	-	2,408
1985	-	3,334
1986	-	4,433
1987	-	4,663
1988	467	2,352
1989	292	1,168
1990	212	950
1991	202	876
1992	139	586
1993(1~6)	38	240

(1) Coal-Tar

Natural



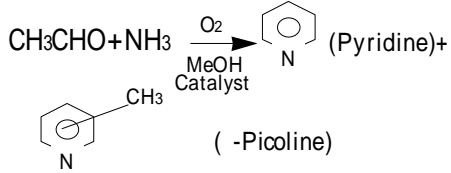
(2)



* Picoline
, , 3 Isomer가 .

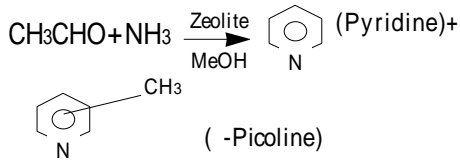
- Picoline Solvent, Resin
 - Picoline Solvent, Resin
 - Picoline Isoricotic acid, Solvent
- (Synthetic Method)

< Celanese Corporation Method >

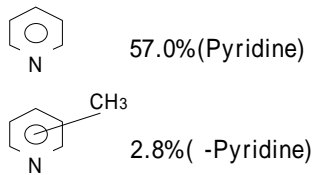
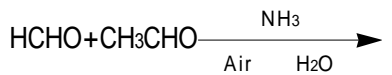


- Acetaldehyde 1mole
- Ammonia 0.2 ~ 15mole
- Oxygen 0.1 ~ 5.0mole
- Inert diluent 1.0 ~ 25mole
- Reaction Temp. 350 ~ 500
- Reaction Pres. Atmospheric ~ Superatmospheric Pressure
- Catalyst Silica-Alumina

< Mobil Oil Corporation Method >



- Acetaldehyde 49.5wt%
 - NH3 5.5wt%
 - Catalyst 45.0wt%
 - Reaction Temp. 190 ~ 300
 - Reaction Pres. 1 ~ 100atm
- < 廣榮化學 Method >



- Formaldehyde 1.5mole
- Acetaldehyde 3.0mole
- Ammonia 8.1mole
- Air 67.2
- 24.0mole
- Pyridine

90	212	95	가	. 91	202	, 87	6000
90	4.7%, 7.8%	. 92	91			80.7%	
139	33.1%	58	6000				

PROPAGATE Fungicide
ICI

, PARAQ-UAT(Bipyridil)

Pyridine (: MT/YR)			
	Reilly chems		16,000
	Rütgerswerke AG	"	300
	Cindu chems	Natural	200
	Schwiezerische	"	100
	Teerindustrie AG		
	Synthetic chems		500
	Crowley Tar Products Co.	Natural	
"	Koppers Co.	"	
"	Nepera chem		25,000
"	Reilly Tar & chem	"	35,000
"	Koei chem	"	10,000
"	Daicel chem	"	5,000
"	Shin Nippon Co.	Natural	480
			92,580

Pyridine			
	Paraco	Gramoxone	
	Diquatdibromid	Reglone	
	e	Dursban	
	Chlorpyrifos	Reldan	
	Chlorpyrifos-methyl	-	
	Buthiobate	-	
	Chlorpheniramin	-	Cephalosporin
	e maleate	-	
	Cephaloridine		

Pyridine 가 (: KG, 1000)				
	1992		1993(1~6)	
E C	92,964	371	19,466	90
	45,600	177	8,000	57
	210	16	4,400	49
	100	22	200	44
	200	16	400	30
	0	0	4,000	19

(Surfactant) Acrylic

Pyridine 가 CIF가 KG 3.50 5.00
 Pyridine 5 Reilly Chemical 3800
 1 7500 , 1 7500
 3 5000 가
 Nepera, Koei Chemical, Daicel, DSM
 Reilly가 70%, Nepera · Koei 10%, Daicel, DSM 5%

Pyridine 가 Pyridine CH3 가 Isomer
 -Picoline , 2-Vinyl Pyridine(2-VP) VP Latex Polyester Tire Cord,
 -Picoline 3-Cyanopyridine Nicotinic Acid(Niacin),
 Nicotinamide(Niacinamide) , Nicotinic Acid
 () , Nicotinamide
 -Picoline Acrylic 4-Cyanopyridine INAH(Isonico-
 tinamidehydrazide) , 4-Phenyl Propyl Pyridi-ne(4-PPP) Phenolic Resin
 Sand Molding Compound