

$$\begin{array}{c} \text{PrP} \gg \text{C}\Pi \text{ PjP}\mu\text{PrP}\ddot{\text{C}}\ddagger\text{PSPsPiPs} \text{ P}\cdot\text{P}^\circ\text{C}\acute{\text{I}}\text{C}, \text{PsC}\acute{\text{I}}\text{C}\acute{\text{r}}\text{PIP}^\circ\text{PSPSC}\Pi \text{ P} \gg \text{C-PeP}^\circ\text{C}\grave{\text{I}}\text{C}\grave{\text{H}}\text{PePsPiPs} \\ \text{P}\cdot\text{P}^\circ\text{C}\acute{\text{I}}\text{PsP}\ddagger\text{C}\acute{\text{r}} \end{array}$$

(P P'P_hR P_HP_hP_yP•PΓ)

PrC-CHC#P° CḤPμC#PsPIPëPSP°: P±PμPSP·P°P»PePsPSC-CH C...P»PsCḤPëPr (benzalkonium chloride);

PrPsPiPsPjC-P¶PSC- CᄒPμC‡PsPIPëPSPë: PePëCÍP»PsC,P° P»PëPjPsPSPSP°
P±PμP·PIPsPrPSP°, PSP°C,CᄒC-Cᄒ PiC-PrCᄒPsC,,PsCÍC,,P°C,
PrPsPrPμPeP°PiC-PrCᄒP°C,, PÿPμC,,PsP·^{B®} 63 (PjP°PeCᄒPsPiPsP» 300, PjP°PeCᄒPsPiPsP» 1500
C- PμC,PëP»PμPSPiP»C-PePsP»Cᄒ CÍC,PμP°CᄒP°C,), PsP»C-Cl P»P°PIP°PSPrPsPIP°, PIPsPrP°
PsC‡PëC‰PμPSP°.

$P\hbar C\acute{I}PSPsPIPSC- C,,C-P\cdot\ddot{e}PePs-C...C-PjC-C\ddot{I}PSC- PIP\gg P^{\circ}C\acute{I}C,P\ddot{e}PIPsC\acute{I}C,C-: P\pm C-P\gg P\ddot{e}PN_{\circ}$
 $PjP^{\circ}C\acute{I}P\gg C\ddot{I}PSP\ddot{e}C\acute{I}C,P\ddot{e}PN_{\circ} PeC\ddot{I}P\mu Pj C-P\cdot P^{\circ}P\ddot{i}P^{\circ}C...PsPj P\gg P^{\circ}PIP^{\circ}PSP\ddot{r}P\ddot{e}.$

[illegible]

$P\alpha P^{\circ}C\overline{H}PjP^{\circ}PePsP\gg PsPiC-C\neq PSC-PIP\gg P^{\circ}C\acute{I}C,P\ddot{e}PIPsC\acute{I}C,C-$

$$P \propto P^{\circ} C \bar{H} P j P^{\circ} P \epsilon P s P \tau P \ddot{e} P S P^{\circ} P j C - P \epsilon P^{\circ}.$$
$$P^{\circ}PuPSP \cdot P^{\circ}P \gg PePsPSC - CH_3C \dots P \gg PsCH_3P\ddot{e}Pr \quad PjP^{\circ}C'' \quad PIP \gg P^{\circ}C\dot{I}C, P\ddot{e}PIPSc\dot{I}C, C - C\dot{I}P\ddot{I}PuCH_3PjC - C\ddagger P\ddot{e}PrCr, C - P^{\circ}PSC, P\ddot{e}C\dot{I}P\ddot{u}P\ddot{i}C, P\ddot{e}PeP^{\circ}.$$

$$\text{Pj}|\text{PuPN}_0 \text{ Pj}|\text{PuC}, \text{PsPr} \text{ PePsPSC}, \text{C}\overline{\text{H}}\text{P}^\circ\text{C}^\dagger|\text{Pu}\overline{\text{P}}\text{C}^\dagger\text{C}-\text{C}-\overline{\text{P}}\text{C}\overline{\text{H}}\overline{\text{P}}\overline{\text{E}}\text{P}\cdot\text{PSP}^\circ\text{C}^\dagger|\text{Pu}\text{PSP}\overline{\text{E}}\text{PN}_0 \text{ PrP}\gg\text{C}\overline{\text{I}} \text{ PIC}\overline{\text{I}}\text{C}-\text{C}\dots$$

P¶C-PSPsPe C¶PµP¶C¶PsPrC¶PeC,P¶PIPSPsPiPs PIC-PeC¶. PhC¶PsP±P»P¶PIPs
PrPsC†C-P»CHbPSPs P·P°C¶C,Psc¶PsPICrPIP°C,P¶ PαP°C¶PjP°C,PµPeC¶:

B· B B C¶ C¶P°P·C- PSP°C¶PIPSPsC¶C,C- C,P¶PjC±P°C¶PsPIP¶C... P°P±Ps
P¶PsC¶C,C-PMbPSP¶C... P¶C¶PsC,P¶P¶PsPeP°P·P°PSC¶ PrPs P·P°C¶C,Psc¶C¶PIP°PSPSC¶
P¶PµC¶PsC¶P°P»CHbPSP¶C... PePsPSC,C¶P°C†PµP¶C,P¶PIC-PI P°P±Ps
PIPSCrC,C¶C-C¶PSC¶PsPjP°C,PePsPIP¶PiPs P·P°C¶PsP±C¶
(PIPSCrC,C¶C-C¶PSC¶PsPjP°C,PePsPIP° C¶P¶C-C¶P°P»CHb);

B· P¶C-C¶P»C¶ P¶PsP»PsPiC-PI, C¶ P¶PµC¶C-PsPr P¶PsPrC¶PIP°PSPSC¶ P¶C¶C¶PrPrC¶, C¶
P¶PµC¶C-PsPr P¶C¶PµPjPµPSPsP¶P°C¶P·P¶;

B· C¶ C¶P°P·C- PSPµPsP±C...C-PrPSPsC¶C,C- PµP¶C-P·PsPrP¶C±PSPsPiPs
P·P°P¶PsP±C-PiP°PSPSC¶ PIP°PiC-C,PSPsC¶C,C-;

B· C¶Pe PrPsP¶PsPjC-P¶PSP¶PMb P·P°C¶C-P± PrPs P¶PµC¶PsC¶P°P»CHbPSPsC—
PePsPSC,C¶P°C†PµP¶C†C-C— C¶ C¶P°P·C- P¶C¶PsP¶C¶C¶PeC¶ P¶C¶P¶PMbPsPjC¶
C,P°P±P»PµC,PeP¶ C±P¶ C—C— P¶C¶P¶PMbPsPjC¶ P¶C-P·PSC-C¶Pµ, PSC-P¶ P¶PsC,C¶C-P±PSPs
(C¶ C†CHbPsPjC¶ PIP¶P¶P¶PrPeC¶ PSPµPsP±C...C-PrPSPs PrPsPrP°C,PePsPIPs
P·P°C¶C,Psc¶PsPICrPIP°C,P¶ PαP°C¶PjP°C,PµPeC¶ PrPs PeC-PSC†C¶
PjPµPSCrC,C¶C¶P°P»CHbPSPsPiPs C†P¶PeP»C¶);

B· C¶Pe PrPsP¶PsPjC-P¶PSP¶PMb P·P°C¶C-P± P¶C¶P¶ P±P°C¶b¶™ C”C¶PSC-PMb
PePsPSC,C¶P°C†PµP¶C†C-C— (P¶C-C...PIPsPIP° PrC-P°C„C¶P°P¶PjP°,
C†PµC¶PIC-PeP°P»CHbPSP¶PMb PePsPIP¶P°C±PsPe), P¶C¶P¶ P·P°C¶C,Psc¶C¶PIP°PSPSC-
PIPSCrC,C¶C-C¶PSC¶PsPjP°C,PePsPIP¶C— C¶P¶C-C¶P°P»C- (Psc¶PsP±P»P¶PIPs P¶C¶P¶
PrPsPIP¶PsC,C¶P¶PIP°P»PsPjC¶ PsPrPSPsC±P°C¶PSPsPjC¶ P¶C¶P¶PMbPsPjC- PrPµC¶PeP¶C...
P¶C¶PµP¶P°C¶P°C,C-PI, PSP°P¶C¶P¶PeP°P°Pr PSPµC¶C,PµC¶PsC—PrPSP¶C...
P¶C¶PsC,P¶P·P°P¶P°P»CHbPSP¶C... P·P°C¶PsP±C-PI).

PµC¶PsC,P¶P¶PsPeP°P·P°PSPSC¶.

P¶PµPMb P»C-PeP°C¶C¶CHbPeP¶PMb P·P°C¶C-P± PSPµ C¶P»C-Pr P·P°C¶C,Psc¶PsPICrPIP°C,P¶ C¶
C¶P°P·C-:

B· P¶C-P¶PµC¶C±C¶C,P»P¶PIPsC¶C,C- PrPs P±PµPSP·P°P»PePsPSC-C¶ C...P»PsC¶P¶PrC¶
P°P±Ps PrPsP¶PsPjC-P¶PSP¶C... C¶PµC±PsPIP¶PS (PrP¶PI. C¶PsP·PrC-P» B«P¶PeP»P°PrB»).

B· PIP¶PePsC¶P¶C¶C,P°PSPSC¶ C±PsP»PsPIC-C±P¶C... P¶C¶PµP·PµC¶PIP°C,P¶PIC-PI P·
P¶PsP»C-C¶C¶PµC,P°PSCr.

***P°P·P°C”PjPsPrC-C¶ P· C-PSC¶P¶PjP¶ P»C-PeP°C¶C¶CHbPeP¶PjP¶ P·P°C¶PsP±P°PjP¶ C,P°
C-PSC¶C- PIP¶PrP¶ PIP·P°C”PjPsPrC-PMb.***

PµC¶PsC,P¶P¶PsPeP°P·P°PSC- PePsPjP±C-PSP°C†C-C—

P¶PsP»PsPIC-C±C- P¶C¶PµP·PµC¶PIP°C,P¶PIP¶ P· P¶PsP»C-C¶C¶PµC,P°PSCr

P P¶P·P¶Pe C¶PsP·C¶P¶PICr P¶C¶PµP·PµC¶PIP°C,P¶PIP°.

BħŸB B B B B B B B CÍPëCÍC,PuPi°C,PëC±PSPs PIPIPsPrPëC,Pë PrPsP·Pë PeCĤPuPiCr

$P''C'P\Pi P_{\mu} P_j P^{\circ} P \gg P_{\mu} P S C H P e P^{\circ} P e C - P \gg C H P e C - C I' C, C H P i C T_j P_{\mu} P i P^{\circ} C T_j P^{\circ} C, C r P_j P s P \Pi P_{\mu}$
 $P i P s C, C T_j P^{\circ} P i P e C, P e C r P_j P^{\circ} C, P_{\mu} C T_j P e P S C I' C H P e P_{\mu} P_j P s P \gg P s P e P s P \pm P_{\mu} P \cdot P \pm C r P r C H - C \Pi P e P e C \dots$
 $C \notin P e C - P r P \gg P e P i P e C \dots P S P^{\circ} C I' P \gg C - P r P e C - P i. P'' P s P r C r P i P^{\circ} P S P S C \Pi P i C T_j C r P r P r C H$

PjPsP¶P»PëPIPµ.

*P—PrP°C,PSC—CÍC,CH PIPiP»PëPIP°C,Pë PSP° C€PIPëPrPeC—CÍC,CH C¶PµP°PeC†C—C—
PíC¶Pë PePµC¶C¿PIP°PSPSC— P°PIC,PsC,C¶P°PSCÍPíPsC¶C,PsPj P°P±Ps C—PSC€PëPjPë
PjPµC...P°PSC—P·PjP°PjPë.*

P'CrPrCH—C¶PePsPiPs PIPiP»PëPICr PSP° P·PrP°C,PSC—CÍC,CH PePµC¶CÍPIP°C,Pë
P°PIC,PsC,C¶P°PSCÍPíPsC¶C,PsPj P°P±Ps PíC¶P°C†CHPIP°C,Pë P· C—PSC€PëPjPë
PjPµC...P°PSC—P·PjP°PjPë PSPµ CÍPíPsCÍC,PµC¶C—PiP°P»PsCÍCH.

PŸPíPsCÍC—P± P·P°CÍC,PsCÍC¿PIP°PSPSCI C,P° PrPsP·Pë.

P"PsP·CÍPIP°PSPSCI

P—P°CÍC,PsCÍPsPICrPIP°C,Pë CÍPëCÍC,PµPjP°C,PëC±PSPs PíPµC¶PµPr PePsP¶PSPëPj
CÍC,P°C,PµPIPëPj P°PeC,PsPj PSPµP·P°P»PµP¶PSPs PIC—Pr C,,P°P·Pë
PjPµPSCÍC,C¶CÍP°P»CHPSPsPiPs C†PëPeP»Cr.

PŸPíPsCÍC—P± P·P°CÍC,PsCÍCÍPIP°PSPSCI

P'PIPsPrPëC,Pë C—PSC,C¶P°PIP°PiC—PSP°P»CHPSPs.

Pj PíPsP»PsP¶PµPSPSC— P»PµP¶P°C±Pë PIPiPµCÍC,Pë PsPrPSCr PrPsP·Cr
PIP°PiC—PSP°P»CHPSPsPiPs PeC¶PµPjCr PiP»PëP±PsPePs Cr PíC—C...PICr,
PIPëPePsC¶PëCÍC,PsPICrCHC±Pë P°PíP»C—PeP°C,PsC¶, PíPµC¶PµPr CÍC,P°C,PµPIPëPj
P°PeC,PsPj.

Pj C¶P°P·C— PíPsPIC,PsC¶PSPsPiPs CÍC,P°C,PµPIPsPiPs P°PeC,Cr PIPiPµCÍC,Pë C‰Pµ PsPrPSCr
PrPsP·Cr PeC¶PµPjCr P·P° PrPsPíPsPjPsPiPsCH P°PíP»C—PeP°C,PsC¶P°.

PµPsPSC,C¶P°C†PµPíC,PëPIPSP° PrC—C¶ P·P°CÍPsP±Cr PíPsC±PëPSP°C"C,CHCÍC¶
PjPëC,C,C"PIPs C,P° C,C¶PëPIP°C" PSPµ PjPµPSC€Pµ 10 PíPsPrPëPS.

P'PµP·PíPsCÍPµC¶PµPrPSCHPs PrPs C,P° PíC—CÍP»C¶ CÍC,P°C,PµPIPsPiPs P°PeC,CrB
PjPsP¶P»PëPIPëPN C,C—P»CHPePë P·PsPIPS—C€PSC—PN C,CrP°P»PµC, PiPµPSC—C,P°P»C—PN
C±PëCÍC,PsCH PIPsPrPsCH (PIPëPeP»CHC±P°CHC±Pë PjPëP»CHPSC— P·P°CÍPsP±Pë).

PµC¶P°PeC,PëC±PSC— PíPsC¶P°PrPë

PíPµPN PjPµC,PsPr PePsPSC,C¶P°C†PµPíC†C— C" CÍCrPjC—CÍPSPëPj C—P·
PIPëPePsC¶PëCÍC,P°PSPSCI¶j CÍPëP»C—PePsPSPsPIPs— PrC—P°C,,C¶P°PiPjPë C,P°
C†PµC¶PIC—PeP°P»CHPSPëC... PePsPIPíP·C±PeC—PI C,P°Pe CÍP°PjPs, C¶Pe C—
C±PsP»PsPIC—C±PëC... PíC¶PµP·PµC¶PIP°C,PëPIC—PI P· P»P°C,PµPeCÍCr C,P°
PíPsP»C—C—P·PsPíC¶PµPSCr (PrPëPI. C¶PsP·PrC—P» B«P'P·P°C"PjPsPrC—C¶ P· C—PSC€PëPjPë
P»C—PeP°C¶CÍCHPePëPjPë P·P°CÍPsP±P°PjPë C,P° C—PSC€C— PIPëPrPë
PIP·P°C"PjPsPrC—PNB»)).B

<https://aisf.dec.gov.ua>.

PŷPµCŧPjC-PS PİCŧPëPrP°C,PSPsCÍC,C-. 3 CŧPsPePë.

PќPµ P·P°CÍC,PsCÍPsPICrPIP°C,Pë PİCŧPµPİP°CŧP°C, PİC-CÍP»Cİ P·P°PeC-PSC†PµPSPSCİ PµCŧPjC-PSCr PİCŧPëPrP°C,PSPsCÍC,C-, P·P°P·PSP°C†PµPSPsPiPs PSP° CÍPİP°PePsPIC†C-!

PJPjPsPIPë P·P±PµCŧC-PİP°PSPSCİ.

P—P±PµCŧC-PİP°C,Pë PİCŧPë C,PµPjPİPµCŧP°C,CÍCŧC- PSPµ PIPëC‰Pµ 25 B°C.
P—P±PµCŧC-PİP°C,Pë CÍ PSPµPrPsCÍC,CÍPİPSPsPjCÍ PrP»Cİ PrC-C,PµPNë PjC-CÍC†C-.

PJPİP°PePsPIPëP°. PµPs 72 Pİ PeCŧPµPjCÍ CÍ C,CÍP±C-, 1 C,CÍP±P° P·
P°PİP»C-PeP°C,PsCŧPsPj-PrPsP·P°C,PsCŧPsPj CÍ PeP°CŧC,PsPSPSC-PNë PePsCŧPsP±C†C-.

PљP°C,PµPiPsCŧC-Cİ PIC-PrPİCÍCÍPeCÍ. P’PµP· CŧPµC†PµPİC,P°.

P’PëCŧPsP±PSPëPe.

P†PќPќPhPŷP·P Ph PëPJP—P†, PᄡCŧP°PSC†C-Cİ/INNOTHERA CHOUZY, France.

**PњC-CÍC†PµP·PSP°C...PsPrP¶PµPSPSCİ PIPëCŧPsP±PSPëPeP° C,P° P°PrCŧPµCÍP°
PjC-CÍC†Cİ PİCŧPsPIP°PrP¶PµPSPSCİ PNëPsPiPs PrC-CİP»CHPSPsCÍC,C-.**

P Cŧ P PµPSPµ PëP°PSC,PµCŧPs, PëCÍP·C--CÍCŧCŧPŷC-CÍ, P’P°P»CŧP°Cŧ-CÍCŧCŧPŷC-CÍ,
41150, PᄡCŧP°PSC†C-Cİ/Rue Rene Chantereau, Chouzy-sur-Cisse, Valloire-sur-Cisse, 41150,
France.

P—P°CİPIPSPëPe.

P>PhP’PhP PhPŷPhP P†Pİ P†PќPќPhPŷP·Pљ P†PќPŷP·P PќPhPŷP¬P™ PhPќPhP>P¬,
PᄡCŧP°PSC†C-Cİ/LABORATOIRE INNOTECH INTERNATIONAL, France.

PњC-CÍC†PµP·PSP°C...PsPrP¶PµPSPSCİ P·P°CİPIPSPëPeP°.

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