

... , " " , a  
... , " "  
...

( ) .

/ ( )

99,999% .

The modern high-performance methods of degasification of battle toxiferous chemical agents (BTCA) are reviewed. The applications of aqueous solutions aliphatic peroxy acids in a complex with surface-active agents and catalysts of interphase carry are offered. They is irreciprocal and is fast oxidized and/or per(hydrolysis) such most dangerous quoters of a chemical weapon, as organophosphorus compound BTCA, nitrogen and sulfuric mustard gases and lewisite with conversion level up to 99,999%. Is rotined, that the products of process of rendering more than on the order less toxiferous, have no the battle characteristics and the salvaging - yield to generating of materials, which one will be used in a chemical industry.

) ( , ,

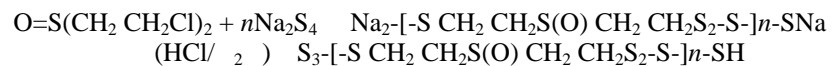
( ) ,

( ) .

[1].



[2]. (2- )  
[3],



Na-[-CH<sub>2</sub>-CH<sub>2</sub>S(O)-CH<sub>2</sub>-CH<sub>2</sub>S-]<sub>n</sub>-S (S)OC<sub>4</sub>H<sub>9</sub>,  
[4].

0,0043 1 ) [5].

[6],

( 1 : 1000  
40 – 60 °

”, 5 – 30

99,999 %.  
(46,1 %) 1,4-  
(1,6 %).

20 – 25°

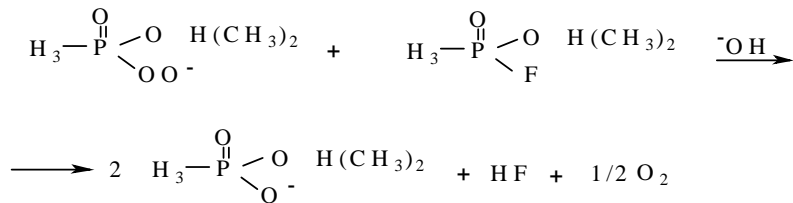
[7].

[8].  
20 %- 2- N-  
4-22°  
4,5  
1 : 2, 9,5 4°  
[10] VX 8 ) [9].  
N-

/		LD <sub>50</sub> , /
1.	- (2- )	2,4
2.	- (2- ) N-	75-125
3.	- (2- )	1,05
4.	- (2- ) N-	50-100
5.	-(2- )	2,1
6.	-(2- ) N-	2,5-5,0

8,4. V





2.

(GB)

8 7,4 50% 84 .. 8,4 – 84 . 12 . 0,1% 2 2 GB -  
 2 2 ; 3% 50

: 1. Glasser H., Chang D.P.Y., Hiekman D.C.J. All Waste Manage. Assoc., 1991, v. 41, N 9, P. 1180-1188. 2.

, 1990, 127 . 3. Abrams J.T., Barker R.L., Jones W.E., Woodward F. J.Soc., Chem.Ind., 1949, v. 68, N 8, P. 237. 4. , 1986, . 27, N 4, . 860-868. 5.

.., 1938. 587 . 6.

, 1993, .13-14. 7. Szafnaniec Liuda L., Rohrbaugh Denni K., Procell Lawrence R., Moclner Brian K., Yang Yu-Chu.,

, 16-19 1993 .  
 . Oxidation of Lewisite and sulfur and nitrogen mustards / // Sci. Conf. Chem. Def. Res. Aberdeen, Md, 16-19 Nov., 1993: Abstr. Dig. / US Army Edgewood Res Dev. And Eng. Cent. – [Aberdeen (Md)], 1993. – P. 44. – . 8. Bunton C.A., Foroudian H.J., Kumar Anurad,

. Oxydation of

sulfides and oxidative hydrolysis of thioaryl esters by peroxy monosulfate (78) // Sci. Conf. Chem. Def. Res. Aberdeen, Md, 16-19 Nov., 1993: Abstr. Dig. / US Army Edgewood Res Dev. And Eng. Cent. – [Aberdeen (Md)], 1993. – P. 44. – . 9. Bartram P.W., The oxidation of 2-chloroethyl phenyl sulfide by magnesium monoperoxyphthalate (88) // Sci. Conf. Chem. Def. Res. Aberdeen, Md, 16-19 Nov., 1993: Abstr. Dig. / US Army Edgewood Res [Aberdeen (Md)], 1993. – P. 48. – . 10. Hovanec J.W., Henderson Vikki D., Albizo Johnnie M., The destruction of Vx in aqueous sodium hydroxide with and without hydrogen peroxide (124) // Sci. Conf. Chem. And Biol. Def. Res. Aberdeen, Md, 15-18 Nov., 1994: Abstr. Dig. - [Aberdeen (Md)], 1994. – P. 61. – .

23.05.06

621.35

The electrode reaction occurring during anodic polarization of aluminum and it alloys in alkaline solutions with oxoanions of different nature were studied. The mechanism and kinetic parameters of the steps affected by these ions were determined. The characteristic criteria analyses result in general scheme reflected totality of reactions.

[3]

[1],

[2],