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Description of document: Defense Technical Information Center (DTIC) (computer generated) bibliography of Technical Reports where corporate author = Proctor and Gamble

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ATTN: FOIA Requester Service Center  
8725 John J. Kingman Road, Suite 0944  
Ft. Belvoir, VA 22060-6218

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## DEFENSE TECHNICAL INFORMATION CENTER

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IN REPLY  
REFER TO

DTIC-R (FOIA 2010-28)

MAR 8 2010

This is an interim response to your letter of January 25, 2010 (attachment 1), requesting information under the Freedom of Information Act (FOIA). Under Department of Defense rules implementing the FOIA, published at 32 CFR 286, your request was categorized as "other."

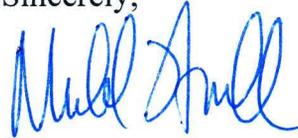
Attached are computer-generated bibliographies prepared by weighting/matching the subject terms or keywords listed in your request against our database (i.e., *corporate author* "PROCTOR AND GAMBLE". The bibliographies may contain some documents that do not apply to the specific subject area(s) in which you are interested; however, to eliminate any of the key search terms would also eliminate documents that do apply to your subject area(s) of interest.

The documents listed on attachment 2 have been approved for public release and may be obtained from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, VA 22161. NTIS sells such documents to the general public and, if you wish, you can order the documents by telephone at (703) 605-6000. Be sure to include the AD numbers when requesting the documents. NOTE: Some of the documents listed on the bibliography on attachment 2 can be viewed and/or downloaded in full text through the Defense Technical Information Center (DTIC) Online Public Technical Reports website at <http://www.dtic.mil/dtic/search/tr/index.html>. Once at the site, type the full document number as its written (ex: ADA444613) in the "Search for" box, then click the "Search" button; in the Accession Number field, click on the link "View Full Text (pdf)".

Please understand that other members of the public may submit a FOIA request for copies of FOIA requests received by this office or the names of those who have submitted requests. Should such occur, your name and, if asked for, a copy of your request will be released; however, your home address and home telephone number will

not be released. Other private citizens who have obtained your name by using such a request may contact you. However, correspondence from the Defense Department about your request will be on official letterhead. Please contact me at (703) 767-9204 if you have any questions. Thank you for your interest in obtaining information from DTIC.

Sincerely,



MICHAEL A. HAMILTON  
Acting FOIA Program Manager

Attachments:  
As Stated

FILE: 2010-28 Proctor & Gamble UL.doc

bibliography listing of unclassified descriptions of classified/limited distribution documents

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FILE: 10-28 Proctor & Gamble U2 .doc  
bibliography listing documents approved for public release

Technical Reports Collection

Citation Format: FOIA(U2)

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Accession Number: ADA444613

Full Text (pdf) Availability: View Full Text (pdf)

File: /U2/a444613.pdf Size: 42 KB

Handle / proxy Url: <http://handle.dtic.mil/100.2/ADA444613>

Corporate Author: PROCTOR AND GAMBLE CO CINCINNATI OH

Unclassified Title: (U) Photochemically Reactive Surfaces for Decontamination

Descriptive Note: Final rept. 20 May 2003-30 Jun 2004

Personal Author(s): Willey, Alan, Tinlin, James,

Report Date: 10 Feb 2006

Media Count: 5 Page(s)

Report Number(s): AROPHPTP FINAL-01, ARO-45234.1-CH, XA-45234.1-CH

Contract Number: DAAD19-03-1-0089

Monitor Series: 45234.1-CH ARO

Report Classification: Unclassified

Distribution Limitation(s): 01 - APPROVED FOR PUBLIC RELEASE

Distribution Statement: Approved for public release; distribution is unlimited.

Abstract: (U) The objective of the project was to evaluate the application of photochemical systems to the destruction of chemical warfare agent (CWA) simulants. A number of reactive species including singlet oxygen, superoxide and radicals were generated photolytically and their reaction with known CWA simulants was followed by GC-MS. By using solar simulators or low power UV (7%) lamps we were able to show removal of a mustard simulant with all three photolytic species. However, the same species were less successful with G agent and VX simulants. Only the radical approach showed some activity and this was slow and produced multiply by products. Preliminary investigation into whether these species could be prepared as photolytic reactive surfaces was initially successful, showing reactivity towards the mustard simulant. However, reactivity was determined to be due to the rate at which the surface was dissolved into the simulant, creating a homolytic solution reaction.

Abstract Classification:

Unclassified

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Accession Number: ADA483549

Full Text (pdf) Availability: View Full Text (pdf)

File: /U2/a483549.pdf Size: 136 KB

Handle / proxy Url: <http://handle.dtic.mil/100.2/ADA483549>

Corporate Author: PROCTOR AND GAMBLE CO CINCINNATI OH

Unclassified Title: (U) Portable ClO<sub>2</sub> for Biological Warfare Decon

Descriptive Note: Final rept. 1 Nov 2003-31 May 2006

Personal Author(s): Willey, Alan , Tinlin, James

Report Date: 31 Aug 2005

Media Count: 5 Page(s)

Report Number(s): PGC-5318008, ARO-46206.1-CH, XA-46206.1-CH

Contract Number: W911NF-04-1-0017

Monitor Series: 46206.1-CH ARO

Report Classification: Unclassified

Distribution Limitation(s): 01 - APPROVED FOR PUBLIC RELEASE

Distribution Statement: Approved for public release; distribution is unlimited.

Abstract: (U) This report contains an update on the work carried out for the year 2004/2005 on the electrochemical decon system. This system produces the oxidant, chlorine dioxide(ClO<sub>2</sub>), at an electrode from an aqueous solution containing sodium hypochlorite. This activated solution can then be sprayed onto any contaminated surface. ClO<sub>2</sub> has previously been shown to be highly effective at decontaminating mustard, VX and biological agents. Unfortunately, ClO<sub>2</sub> is inactive towards G-agents and so additional chemistry is required to produce a universal decontamination system. Previous work has involved the addition of various nucleophiles to the decon solution in order to attack any G-agent via nucleophilic substitution. More recent work has focused on a completely new approach and has led to the identification of a much more effective nucleophile, the hypobromite ion (BrO<sup>-</sup>), as the decon-active species for G-agents. BrO can be generated electrochemically using the current technology and, as such, does not require any fundamental changes in our approach. Furthermore, it is produced from the electrolysis of stable, inexpensive NaBr salt that can be readily incorporated into the sodium chlorite solution. This nucleophile has demonstrated high activity towards G-agent stimulants here at P&G and against G-agent at ECBC.

Abstract Classification: Unclassified

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Accession Number: ADA453064

Full Text (pdf) Availability: View Full Text (pdf)

File: /U2/a453064.pdf Size: 271 KB

Handle / proxy Url: <http://handle.dtic.mil/100.2/ADA453064>

Corporate Author: PROCTOR AND GAMBLE CO CINCINNATI OH

Unclassified Title: (U) Photochemical Approaches to Decontamination

Descriptive Note: Briefing charts

Report Date: 20 Nov 2003

Media Count: 25 Page(s)

Report Number(s): XA-ARO

Contract Number: DAAD19-03-1-0089

Monitor Series: ARO

Report Classification: Unclassified

Distribution Limitation(s): 01 - APPROVED FOR PUBLIC RELEASE

Distribution Statement: Approved for public release; distribution is unlimited.

Abstract: (U) A six month project to: - Evaluate singlet oxygen, superoxide and hydrogen abstraction for reaction with chemical weapons simulants. - Identify principal products and reaction pathways. -

Determine approximate conversion to products. - Evaluate reaction confined to a surface.

Abstract Classification: Unclassified

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\*\*\*DTIC DOES NOT HAVE THIS ITEM\*\*\*

Accession Number: ADD519699

Corporate Author: PROCTOR AND GAMBLE CO CINCINNATI OHIO\*

Unclassified Title: (U) Solve Complex Control Problems with a Desktop Computer.

Descriptive Note: Journal article,

Personal Author(s): Pehaushek, Joe

Report Date: Aug 1979

Media Count: 5 Page(s)

Report Classification: Unclassified

Distribution Limitation(s): 01 - APPROVED FOR PUBLIC RELEASE

21 - JOURNAL ARTICLES ANNOUNCEMENT ONLY

Distribution Statement: Published in: Electronic Design, v27 n17 p84-88 Aug 79. No copies furnished by DTIC/NTIS or GACIAC.

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Highest Classification: UNCLASSIFIED