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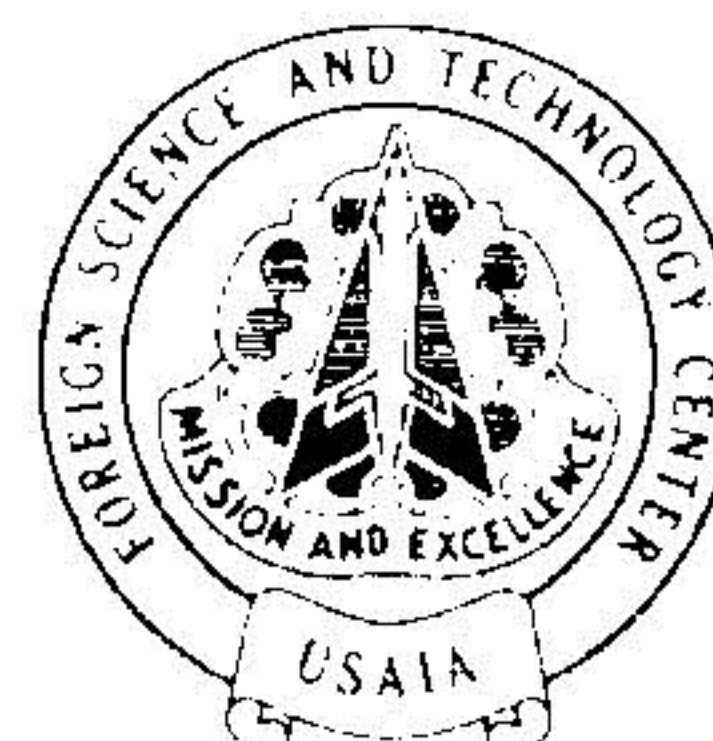
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Chemical Warfare Developments—USSR: Soviet Chemical Logistics (U)

A Defense Intelligence Report



Defense Intelligence Agency



US Army Foreign Science
and Technology Center



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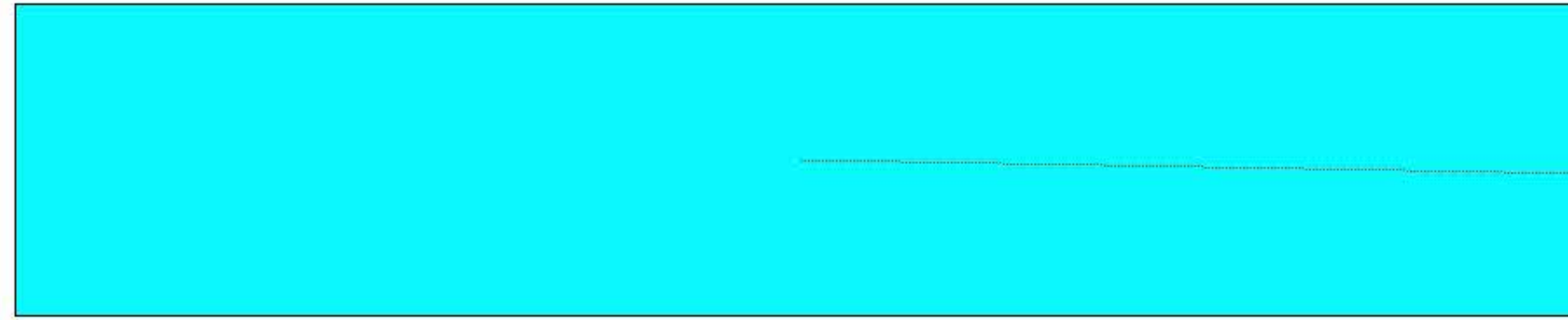
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CHEMICAL WARFARE DEVELOPMENTS--USSR:
SOVIET CHEMICAL LOGISTICS (U)



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PREFACE

~~(C)~~ In order to illustrate the use of the methodology presented by this study, a number of assumptions had to be made. Confidence in the validity of these assumptions ranges from moderate to low. The utility of the estimate generated by using these assumptions is to illustrate the use of the model, rather than to give a definitive quantification of the size of the Soviet protective stockpile.

(U) This study discusses Soviet military requirements for chemical logistics to support ground forces operations when chemical, nuclear, or biological weapons are employed or encountered. The logistical implications of large-scale consumption of chemical materiel for smoke or flame operations, decontamination or protection have not previously been determined. The need to stock large amounts of this materiel at all force levels requires the national-level chemical service to include them in its inventory. Any estimate of bulk chemical agent storage must reflect the presence of this other materiel in the chemical depots, and it was the question of the CW agent stockpile that actually necessitated this logistics study.

(U) The terms "chemical logistics," "chemical troops," and "chemical depots" are used throughout this study because they reflect Soviet terminology for these concepts; for example, a chemical depot is a "khimicheskiy sklad." This usage is important because the term "sklad" can be translated as "dump." The Soviets do not use the term "chemical warfare" when discussing facilities or organizations involved in chemical troop activity or storage of chemical materiel.

(U) In order to calculate storage requirements several assumptions and analytical judgments were made in this study. The assumptions represent planning factors of the type used by staff officers to determine wartime requirements and are based on the best available evidence. The assumptions can be easily adjusted to reflect new information as it is received. The analytical judgments were based on broad views rather than specific information when such information was not available. They, too, can be adjusted.

(U) Constructive criticisms, comments, or suggested changes are encouraged and should be forwarded to the Defense Intelligence Agency, Washington, DC 20301-6111 (ATTN: DT).

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