



Uploaded to the VFC Website

▶▶▶ 2019 ◀◀◀

This Document has been provided to you courtesy of Veterans-For-Change!

Feel free to pass to any veteran who might be able to use this information!

For thousands more files like this and hundreds of links to useful information, and hundreds of "Frequently Asked Questions, please go to:

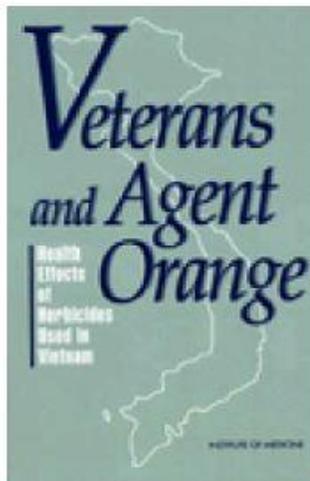
[Veterans-For-Change](#)

If Veterans don't help Veterans, who will?

Note:

VFC is not liable for source information in this document, it is merely provided as a courtesy to our members & subscribers.





Veterans and Agent Orange: Health Effects of Herbicides Used in Vietnam

Committee to Review the Health Effects in Vietnam Veterans of Exposure to Herbicides, **Institute of Medicine**

ISBN: 0-309-55619-8, 832 pages, 6 x 9, (1994)

This PDF is available from the National Academies Press at:
<http://www.nap.edu/catalog/2141.html>

TOXICITY PROFILE OF CACODYLIC ACID (Agent Blue)

Introduction

→ **Cacodylic acid** (hydroxydimethylarsine oxide; dimethylarsinic acid; **CAS No. 75-60-5**; [Figure 4-1](#)) is a nonselective, postemergence contact herbicide.

It is currently a registered herbicide in the United States and is a List B chemical under the Federal Insecticide, Fungicide, and Rodenticide Act registration, with data development and review ongoing.

→ **The herbicide formulation used in Vietnam in defoliation and crop destruction missions (Agent Blue or**

→ **Phytar 560-G)** contained 26.4 percent sodium cacodylate and 4.7 percent cacodylic acid as the active ingredients (Hood, 1985). Sodium cacodylate and cacodylic acid are likely to have similar toxicologic characteristics.

The solid form is an odorless, colorless crystal with a melting point of 195-196°C. In aqueous solution, the chemical is mildly corrosive. It is soluble in alcohol, acetic acid, and solutions that are 50 percent aqueous.

Federal Stock No. 6840-926-9094
Herbicide, Cacodylic Acid
Commercial Name "Phytar 560G"
"Agent Blue" CAS No. 75-60-5
55 gal drum

The CAS Registry Number® Database

This database contains the CAS Registry Number®, chemical names (both formal and common), molecular formulas, and structures or sequences for ~7900 chemicals of widespread general public interest. These substances are of global commercial use or importance and have been cited 1,000 or more times in the [CAS databases](#).