

California Peer Review Project

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Peer Review Project

www.greenconsumer.cc

CIWMB

Thank you

US EPA – Region 9

Thank you

What Was/Is At Stake?

- **Credibility**
 - Alternatives
 - HHW Program Managers
 - Local Government Outreach Materials
- **Permission To Disseminate**
 - Public Education Programs

PURPOSE

- **Scientific credibility of alternatives.**
 - Health and Safety
 - Environmental Effects
 - Efficacy

Steering Committee

- **14 Members**
 - State / Local / Non-Profit
- **Project Design**
 - Qualifications for TAC
 - Select Alternatives

Technical Advisory Committee

- **21 Members**

- Public Sector / Private Sector / Academics
Special Interests / Non-Profits
- Chair – Kathryn Dowling Ph.D.

- **Literature Review**

- Health / Safety / Environmental / Efficacy

The Alternatives 7-12

- **Trisodium Phosphate** household cleaner
- **Pyrethrins** house/garden insecticide
- **Pyrethrins with Piperonyl Butoxide** house/garden insecticide
- **Methoprene** house/garden insecticide
- **Hydrogen Peroxide** bleach, disinfectant
- **Linseed Oil** wood preservative, polish

BORAX

- Borax, sodium tetraborate decahydrate ($\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$), is found as hard, colorless, odorless crystals and granules, or as a crystalline powder. It occurs naturally as the mineral tincal. In alkaline solution, borax is alkaline, with a pH of about 9.5

BORAX

- Compound Efficacy
 - Hard surface Cleaning
 - **Disinfection (no germicidal properties)**
- Health Effects
 - Clinical Toxicity
 - Occupational Exposure

BORAX

- Animal Studies
 - Acute / Subchronic / Chronic
- Cytotoxicity / Mutagenicity / Carcinogenicity
- Environmental Effects

CA Peer Review Project

- www.greenconsumer.cc
- Program Manager Brochure
- Consumer Pamphlet

EPILOGUE

- CalEPA Peer Review Policy
- **CA Peer Review Project** as model.
- Alternatives reviews discontinued
- Lessons Lost?

Demonic Material Power

- Arnold Toynbee –
Mankind and Mother Earth
- Can we accept practical rules of conduct for people of ordinary moral stature?