

# **Development of Safe Harbor Levels**

**Cal/EPA**

**Office of Environmental Health  
Hazard Assessment**

**Reproductive and Cancer Hazard  
Assessment Section**

November 15, 2000



# Introduction

## Development of Proposition 65 safe harbor levels

- No Significant Risk Levels (NSRLs) for carcinogens
- Maximum Allowable Daily Levels (MADLs) for chemicals causing reproductive toxicity

## OEHHA seeking input on ordering chemicals for assessment



# History

1988 Regulations guiding the development of safe harbors adopted (22 CCR §12701-3, §12801-3)

1988 - 1992 Safe harbors issued on >200 chemicals (22 CCR §12705 & §12805)

1992 Regulatory guidance establishing 3-tiered NSRL development (22 CCR §12705(b), (c), & (d))

Dec.1992 Settlement Agreement requiring:

- updating of priority list
- NSRL development



# Tiered Process for NSRL Development

## NSRLs may be based on:

- *De novo* assessment by OEHHA
- Assessment conducted by another California state or federal agency
- Expedited assessment by OEHHA



# Current Status

## NSRLs

- 222 adopted in regulation:
  - 42 *de novo*,
  - 38 from other programs
  - 140 expedited
  - 2 trace elements
- 57 drafts released

## MADLs

- 3 adopted in regulation
- 5 drafts released



# Proposition 65 Chemicals without Safe Harbor Levels

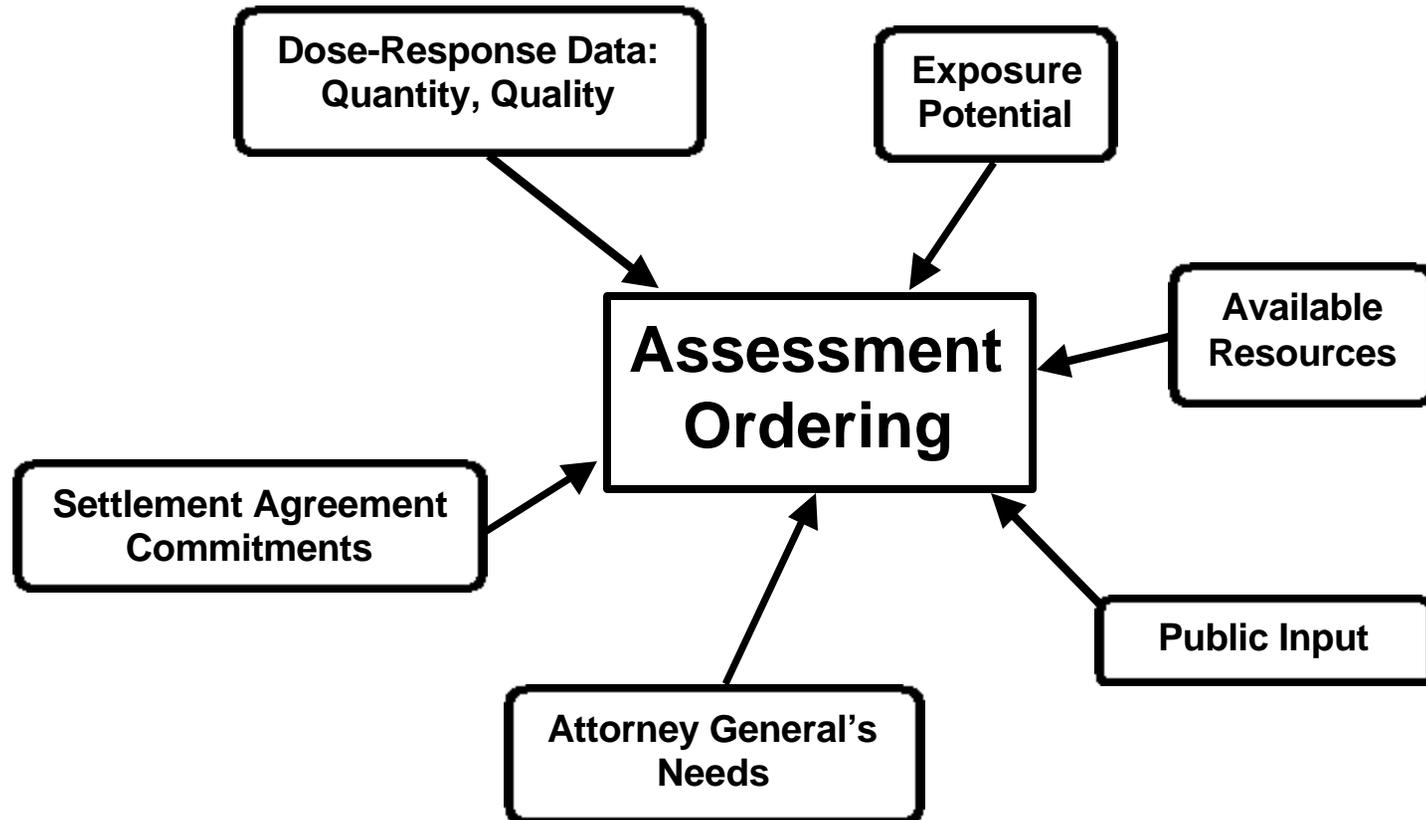
~240 Carcinogens

~250 Chemicals that cause reproductive  
toxicity

OEHHA committed to developing  
20 - 35 Safe Harbor levels annually



# Factors for Ordering Chemicals for Assessment



# Priorities for Safe Harbor Development

## **NSRL priorities**

- First priority
- Second priority
- Third priority
- Fourth priority

## **MADL priorities**

- First priority
- Second priority
- Third priority



# Safe Harbor Development

