

OREGON POISON CENTER

Please consult with the OPC if want to use the information for writing papers, studies, etc.

2022 OR PESTICIDE HUMAN EXPOSURES

TOTAL = 1,083

1. Insecticides = 68%

< 19 years old = 56%

- Boric Acid = 64%
- Carbamate, Metaldehyde, Other, Pyrethroid, Pyrethrins, Unknown

> 20 years old = 44%

- Pyrethroid = 34%
- Other, Pyrethrin, Boric acid, Carbamate, Organophosphate, Unknown, Chlo hydrocarbon, rotenone, nicotine, arsenic

2. Herbicides = 13%

< 19 years old = 23%

- Chlorphenoxy, Carbamate, other

> 20 years old = 77%

- Other = 84%
- Glyphosate = 76%

3. Rodenticides = 12%

< 19 years old = 53%

- Long acting anticoag/superwarfarin, Bromethalin = 53%
- Other, Cholecalciferol, unknown, zinc phosphate

> 20 years old = 41%

- Bromethalin, long acting anticoag, unknown = 44%
- Zinc phosphate, cholecalciferol, strychnine

Reason

- Unintentional = 93% - mostly toddlers and children < 6 yo, older = misuse
- Intentional = 3% misuse/malicious/abuse - wasping
- Adverse Rxn = 1.3%

Managed at a HCF = 14% misuse/abuse/malicious wasping

Managed at home or non-HCF = ~86%

Outcome

- No effect = 13%
- Minor = 18%
- Moderate 4%
- Major 0.6% wasping, entering a sprayed room prematurely
- Death 0.09%

2022 OR DISINFECTANTS HUMAN EXPOSURES

TOTAL = 201

- 1. Other/Unknown = 56%**
- 2. Pine oil = 22%**
- 3. Hypochlorite = 21%**
- 4. Phenol = 0.5%**

< 19 years old = 49%

> 20 years old = 51%

Reason

- Unintentional = 92% - mostly toddlers and children < 6 yo, older = misuse
- Intentional = 4.5% misuse/malicious/abuse - wasping
- Adverse Rxn = 1.0%

Managed at a HCF = 15% misuse/abuse/malicious

Managed at home or non-HCF = ~85%

Outcome

- No effect = 15%
- Minor = 27%
- Moderate = 5%
- Major = 0%
- Death = 0%

2022 OR HAND SANITIZER EXPOSURES

TOTAL = 378

- 1. Ethanol Based = 87%**
- 2. Unknown = 9%**
- 3. Isopropanol Based = 2%**
- 4. Non-alcohol Based = 2%**

< 19 years old = 78%

> 20 years old = 22%

Reason

- Unintentional = 83% - mostly toddlers and children < 6 yo, older = misuse
- Intentional = 15% misuse/malicious/abuse
- Adverse Rxn = 0.3%

Managed at a HCF = 12% misuse/abuse/malicious

Managed at home or non-HCF = ~88%

Outcome

- No effect = 30%
- Minor = 13%
- Moderate = 3%
- Major = 0%
- Death = 0%