

Pesticide comparative data for City of Dover

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Most dangerous	Signal Word	Meaning
Toxic	Poison	Highly toxic
	Danger	Extremely toxic
	Warning	Moderate hazard
	Caution	Low hazard
Safest	No signal word	Not hazardous

Relative Toxicity, rat LD50, mg/kg		
Least toxic	Sugar (sucrose)	29,700
	Alcohol	14,000
	Trimec	6,700
	Glyphosate (Roundup)	5,600
	Atrazine	3,090
	Salt (sodium chloride)	3,000
	Imidacloprid (Premise)	2,590
	Cyfluthrin (Tempo)	1,271
	Aspirin	1,000
	Chlordane	450
Warning	Ammonia	350
	Caffeine	192
	Chlorpyrifos	135
	Arsenic (arsenic acid)	48
Most toxic	Nicotine	1
	Aldicarb (Temik)	0.93
	Dioxin (TCDD)	0.001
	Botulinum toxin	0.00001

Image above: Oklahoma State University
Pesticide Safety Education Program

Glyphosate

- Signal Word: **Caution**
- Precautionary Statement: Hazard to humans and domestic animals
- PPE: Long-sleeved shirt and long pants, shoes plus socks.
- Re-entry period: Until dry, usually within 1 hour
- Environmental hazards: Do not apply directly to water.
- LD 50: 5,600

Axxe

- This product is not translocated
- Signal Word: **Warning**
- Precautionary Statement: Hazard to humans and domestic animals
- PPE: Coveralls worn over short-sleeved shirt and short pants, socks, chemical resistant footwear, chemical resistant gloves and eye protection
- Re-entry period: 4 hours
- Environmental hazards: This product is toxic to fish and aquatic invertebrates
- LD50: 5,000

Finalsan

- This product is not translocated
- Signal Word: **Warning**
- Precautionary Statement: Hazard to humans and domestic animals
- PPE: Must wear coveralls worn over short-sleeved shirt and short pants, socks, chemical resistant footwear, gloves and eye protection
- Re-entry period: 24 hours
- Environmental hazards: This product may be hazardous to aquatic invertebrates
- LD50: 5,000