

Simple Green [®] MSI	- 2-64
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TOXICITY INFORMATION	
	LC _w in mg/L (ppm)
Human Health Effects or Risks from Exposure Adverse effects on human health are not expected from Simple Green [®] , based upon seventeen years of reported adverse health incidence in diverse population groups, including extensive use by inmates of U.1 prisons in cleaning operations. Simple Green [®] is a mild eye irritant; mucous membranes may become irritated by concentrate-mist. Simple Green [®] is not likely to irritate the skin in the majority of users. Repeated daily application to the ski	Institution Institution Multi minnow (Fundulus heterocitus) 1690 1574 Whitebalit (Gelaxias meculatus) 210 210 Marine/Estuarine Invertebrates: Brine Shrimp (Artemis saline) 610 399
rinsing, or continuous contact of Simple Green® on the skin may lead to temporary, but reversible, irritation	Green-lipped Mussel (Perna canaliculus) 220 220 Mud Snail (Potamopyrgus estuarinus) 410 350
Medical Conditions.Aggravated by Exposure No aggravation of existing medical conditions is expected; dermal-sensitive users may react to dermal co by Simple Green ⁶ .	OTHER INFORMATION
Nonhuman Toxicity Acute Mortality Studies: >5.0 g/kg body weight Dermal LD _{ex} (rat): >5.0 g/kg body weight Dermal LD _{ex} (rat): >2.0 g/kg body weight Dermal Initiation: Only mild, but reversible, irritation was found in a standard 72-hr test on rabbits. A value of 0 (non-irritating) was found on a scale of 8. Eye Irritation: With or without rinsing with weter, the irritation scores in rabbits at 24 hours did not exceed 15 (r on a scale of 110. Subchronic dermal effects: No adverse effects, except reversible dermal irritation, were found in rabbits exp to Simple Green (up to 2.0 g/kg/day for 13 weeks) applied to the skin of 26 males and 25 females. Only fe weight gain was effected. Detailed microscopic examination of all major tissues showed no adverse effect on far reproduction in CD-1 mice with continuous Breeding: The Simple Green formulation had no adverse effect on far reproductive performance of their offspring.	to complexes with Simple Green that may become visible at ratios above one part Simple Green [®] to 99 parts seawater: body Detection: Simple Green [®] has a characteristic sassefras odor that is not indicative of any hazardous situation.
BIODEGRADABILITY AND ENVIRONMENTAL TOXICITY INFORMATION Biodegradability: Simple Green ⁶ is readily decomposed by naturally occurring microorganisms. The biological oxygen dema as a percentage of the chemical oxygen demand (COD), after 4, 7, and 11 days was 58%, 60%, and 70% respectively. In a standard biodegradation test with soils from three different countries, Butyl Cettosolve reached 50%, d in 6 to 23 days, depending upon soil type, and exceeded the rate of degradation for glucose which was us control for comparison. Environmental Toxicity Information: Simple Green ⁶ is nontexic to any of the following marine and estuarine test animals at concentrations belo	Compatibility: Polylimide insulated wiring is not affected by exposure to Simple Green®. After immersion in S Green® for 14 days at 74°F, the 61 cm piece of polylimide insulated wire passed a one minute dielectric proof test at 2500 volts (ASTM D-149). s a Contact Point: Sunshine Makers, Inc., Director of Research and Development: 310-795-6000. *** NOTICE *** All information appearing herein is based upon data obtained by the manufacturer and recognized technical so
Simple Green is noncost to any or the following marke and estuarine test animals at concentrations beloat 200 mg/(.0.02%). The Simple Green concentrations that are likely to be lethal to 50% of the exposed on are summarized in the following table:	