

4. FIRST AID MEASURES

Eye: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.

Skin: Wash with plenty of soap and water. Remove contaminated clothing and footwear. If irritation persists, get medical attention.

Ingestion: Call a physician or poison control center immediately for guidance. Never give anything by mouth to an unconscious person.

Inhalation: Remove individual to fresh air area. See a doctor if cough or other respiratory symptoms develop.

Note to Physician: Treat symptomatically

5. FIRE FIGHTING MEASURES

NFPA Rating: **Health: 0** **Fire: 0** **Reactivity: 0**
Flammability Class: N/A
Flash Point: Does not flash
Explosive Limits (% of Volume): N/A
Extinguishing Media: Water , CO₂, foam
Special Protective Equipment: Firefighters should wear full protective clothing including self contained breathing apparatus.
Fire Fighting Procedures: Normal procedures. Do not allow fire fighting water to escape into waterways or sewers.
Combustion Products: Carbon monoxide and carbon dioxide
Unusual Fire/Explosion Hazards: None known

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken: Do not allow spill to enter waterways. Soak up material with absorbents and place in a container for disposal.

Absorbents: Clay granules, sawdust, dirt or equivalent.

Incompatibles: None known

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes, or clothing when handling, mixing, cleaning up liquid. Wash hands, arms and face thoroughly with soap and water after handling product.

Storage: Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry place.

8. EXPOSURE CONTROL / PERSONAL MEASURES

Exposure Limits: Not established

Ventilation: General ventilation is sufficient.

Personal Protective Equipment: Skin and eye protection is recommended. Under anticipated conditions of normal use with adequate ventilation, no special respiratory protection is required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor:	Very pale off white liquid, slight fruitlike odor.
Boiling Point:	N/A
Melting Point:	N/A
Vapor Pressure (mm Hg):	N/A
Vapor Density (Air = 1):	N/A
Specific Gravity:	1.02 (H ₂ O =1.00)
Bulk Density:	8.5 lbs/gal
Solubility:	Emulsifies
Evaporation Rate:	N/A
pH:	4.56

10. STABILITY AND REACTIVITY

Stability:	Stable
Reactivity:	Non-reactive
Incompatibility w/ Other Materials:	None known
Decomposition Products:	Carbon monoxide, carbon dioxide
Hazardous Polymerization:	Will not occur

11. TOXICOLOGICAL INFORMATION

CHRONIC TOXICITY [Specific to Active Ingredient(s)]

Methoprene is not a carcinogen. The NOEL for non-carcinogenic effects in an 18 month mouse study was 250 ppm.

DEVELOPMENTAL/REPRODUCTIVE TOXICITY [Specific to Active Ingredient(s)]

Methoprene is not a teratogen. The NOEL for maternal and embryo toxicity in rabbits was 200 mg/kg/day. The NOEL for reproductive effects in rats was 2500 ppm.

MUTAGENICITY [Specific to Active Ingredient(s)]

Methoprene is not a mutagen.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE [Active Ingredients Only]

Hydrolysis:	T _{1/2} > 4 weeks
Photolysis:	T _{1/2} = 6 hours
Soil half life:	~ 10 days
Water solubility:	0.52 ppm

ECOTOXICITY [Active Ingredients Only]

Acute Toxicity: **fish:**LC₅₀ (trout): 760 ppb, (bluegill): > 370 ppb ((S)-Methoprene);
aquatic invertebrates:LC₅₀ (Daphnia): 360 ppb ((S)-Methoprene)

13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food, or feed by disposal. **Pesticide Disposal:** Wastes resulting from the use of this product should be disposed of in accordance with all applicable federal, state, and local requirements. **Container disposal:** Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

14. TRANSPORT INFORMATION

DOT49CFR Description: Not regulated as hazardous by U.S. DOT

Freight Classification: Insecticides other than poison, NOI; NMFC #102120, Class 60

15. REGULATORY INFORMATION

CERCLA (Superfund): Not regulated

RCRA: Not regulated as hazardous

SARA 311/312 HAZARD CATEGORIES

Immediate Health: No

Delayed Health: No

Fire: No

Sudden Pressure: No

Reactivity: No

The information presented herein, while not guaranteed, was prepared by technically knowledgeable personnel and to the best of our knowledge is true and accurate. It is not intended to be all inclusive and the manner and conditions of use and handling may involve other or additional considerations.