

ScrollOVR™

SAFETY DATA SHEET

EMERGENCY CALL: 1-800-424-9300 (CHEMTREC)

1. IDENTIFICATION

PRODUCT NAME: ScrollOVR
DESCRIPTION: Liquid Herbicide
EPA REG. NO.: 91234-228
COMPANY IDENTIFICATION: Atticus, LLC
940 NW Cary Parkway, Suite 200
Cary, NC 27513

2. HAZARD IDENTIFICATION

WARNING

Very toxic to aquatic life with long lasting effects (H400+ H410)



HAZARD CLASSIFICATION

Health Hazards	Category	Other Hazards	Category
None	-	None	-
Environmental Hazards		Category	
Hazardous to the aquatic environment, acute		1	
Hazardous to the aquatic environment, chronic		1	

HAZARDS NOT REQUIRING CLASSIFICATION

None

PRECAUTIONARY STATEMENTS

Avoid release to the environment not in accordance with the product label. Collect spillage (P273+P391)

Dispose of contents / container in accordance with local regulations. Refer to the product label for specific disposal instructions. (P501)

3. COMPOSITION / INFORMATION ON INGREDIENTS

Common Name	Chemical Name	CAS #	Composition
Oxyfluorfen	Benzene, 2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)	42874-03-3	41.0%
Propylene glycol	1,2-Propanediol	57-55-6	<5.5%

NOTE: Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency medical assistance, call SafetyCall®: **1-844-685-9173**. For chemical emergency: spill, leak, fire, exposure or accident, call CHEMTREC Day or Night Within USA and Canada: **1-800-424-9300** or **+1 703-527-3887** (collect calls accepted).

5. FIREFIGHTING MEASURES

Flash Point: No data available

Fire and Explosion Hazards: This material will not burn until the water has evaporated. Residue can burn. If exposed to fire from another source and water is evaporated, exposure to high temperatures may cause toxic fumes.

Extinguishing Medium: Water fog, dry chemical, foam or carbon dioxide (CO₂).

Fire Fighting Equipment: Firefighters should be equipped with self-contained positive pressure breathing apparatus and full bunker gear.

Fire Fighting Instructions: Evacuate area of all unnecessary personnel and fight fire from a safe distance upwind. Contain contaminated water / firefighting water; do not allow to enter drains or waterways. Use foam or dry chemical fire extinguishing systems to prevent environmental damage from excessive water runoff. Decontaminate fire fighting gear and personal protective equipment before reuse.

Hazardous Combustion Products: Under fire conditions some components of this product may decompose. The smoke may contain unidentified toxic and/or irritating compounds. Combustion products may include and are not limited to nitrogen oxides, hydrogen fluoride, hydrogen chloride, carbon monoxide, carbon dioxide.

NFPA Ratings: Health – 0 / Flammability – 1 / Reactivity – 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Prevent material from entering public sewer systems or any waterways. Do not flush to drain. Large spills to soil or similar surfaces may necessitate removal of topsoil. The affected area should be removed and placed in an appropriate container for disposal.

Environmental Precautions: Prevent material from entering public sewer systems or any waterways. Do not flush to drain. Large spills to soil or similar surfaces may necessitate removal of topsoil. The affected area should be removed and placed in an appropriate container for disposal.

Spill Cleanup: Dike spill using suitable absorbent or impervious materials such as sand or clay. Collect and contain contaminated absorbent and place in an appropriate container for disposal. Pump any free liquid into an appropriate closed container and decontaminate tools and equipment following cleanup. Collect washings for disposal.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin or clothing.

Storage: Keep from freezing. Store above 32°F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

Chemical Name	Regulation	Type of Listing	Value
Oxyfluorfen	Dow IHG	TWA	0.2 mg/m ³
Propylene glycol	US WEEL	TWA	10 mg/m ³

Engineering Controls: Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

Protective Clothing: Applicators, and other handlers must wear: Coveralls over long-sleeved shirt and long pants, chemical-resistant footwear plus socks, chemical-resistant gloves (such as Nitrile, Butyl, Neoprene, and/or Barrier Laminate), protective eyewear (goggles or face shield), chemical-resistant headgear for overhead exposure, chemical-resistant apron when exposed to the product concentrate

General: Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. DO NOT reuse them.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	opaque off-white liquid
Odor:	sweet
Melting/Freezing Point:	no data available
Boiling Point/Range:	no data available
Flammability:	no data available
Flam. Limits (upper/lower):	no data available
Flash Point (cc):	no data available

Auto-Ignition Temp.:	no data available
Decomposition Temp.:	no data available
pH:	5.0-6.0
Capillary Viscosity:	no data available
Solubility:	no data available
Partition Coefficient:	no data available
Vapor Pressure:	no data available
Bulk Density:	9 - 10 lbs./gal
Particle Char.:	no data available

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Generation of gas during decomposition can cause pressure in closed systems. Pressure build-up can be rapid.

CHEMICAL STABILITY: Stable under normal use and storage conditions.

INCOMPATIBILITY WITH OTHER MATERIALS: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, hydrogen chloride, hydrogen fluoride, and nitrogen oxides. Toxic gases are released during decomposition.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

The following information is from a substantially similar product:

ORAL TOXICITY (rat LD₅₀): > 5,000 mg/kg

DERMAL TOXICITY (rat LD₅₀): > 5,000 mg/kg

INHALATION TOXICITY (rat LC₅₀): > 0.39 mg/L (4-hour) (Max. attainable concentration. No deaths occurred)

EYE IRRITATION: Essentially nonirritating (Rabbit)

SKIN IRRITATION: Essentially nonirritating (Rabbit)

SKIN SENSITIZATION: Not a contact sensitizer (Guinea Pig)

CARCINOGENICITY:

EPA: Group C: Possible human carcinogen (oxyfluorfen)

NTP: Not listed

IARC: Not listed

OSHA: Not listed

MUTAGENIC TOXICITY: Oxyfluorfen did not induce a mutagenic response in any strain under any condition.

REPRODUCTIVE TOXICITY: No data available.

CHRONIC TOXICITY: No data available.

SPECIFIC TARGET ORGAN EFFECTS: Liver effects at high dose animal tests (oxyfluorfen). Effects reported in animals to blood and spleen (oxyfluorfen). May cause respiratory irritation.

12. ECOLOGICAL INFORMATION

This product is highly toxic to aquatic invertebrates and wildlife.

Information presented below is from testing done with the active ingredient, oxyfluorfen:

Bluegill sunfish (96-hour LC₅₀): 0.2 mg/L

Fathead minnow (30-days NOAEC): 0.038 mg/L

Sheepshead minnow (96-hour LC₅₀): >0.011 mg/L; (34-day NOAEC): 0.00409

Water Flea (48-hour LC₅₀): 1.5 mg/L; (21-days NOAEC): 0.013 mg/L

Algae (96-hour EC₅₀): >0.0029 mg/L

(continued)



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12. ECOLOGICAL INFORMATION (cont.)

AVIAN TOXICITY

Bobwhite Quail (LD₅₀): >2,150 mg/kg (body weight)

Bobwhite Quail (5-days LC₅₀): >5,000 mg/kg (diet)

HONEYBEE TOXICITY

Honeybee Acute contact (LD₅₀): >100 µg/bee

Honeybee Acute oral (LD₅₀): >109 µg/bee

ENVIRONMENTAL FATE

Does not bioaccumulate. Not persistent in soil or water. Relatively immobile in soil (K_{oc} > 5,000).

13. DISPOSAL CONSIDERATIONS

PESTICIDE DISPOSAL: Pesticide spray mixture or rinsate that cannot be used must be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Refer to the product label for specific container disposal instructions.

14. TRANSPORT INFORMATION

US-DOT:

Not regulated

IMDG:

Containers ≤ 1.3 gal. (5 L) in strong outer packaging:

Not regulated

Containers > 1.3 gal. (5 L) or containers not in strong outer packaging:

Shipped internationally by vessel: UN3082, Environmentally hazardous substance, liquid, N.O.S. (oxyfluorfen), 9, PG III, Marine Pollutant

IATA:

Shipped by air:

UN3082, Environmentally hazardous substance, liquid, N.O.S. (oxyfluorfen), 9, PG III, Marine Pollutant

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

15. REGULATORY INFORMATION

FIFRA –

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. The following is the hazard information as required on the pesticide label:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Avoid contact with skin or clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates and wildlife. DO NOT apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. See Directions for Use for additional restrictions. DO NOT contaminate water when disposing of equipment wash water or rinsate.

All pesticides are governed under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). The regulatory information presented below is pertinent only when this product is handled outside of the normal use and application as a pesticide. This product is excluded from listing requirements under EPA/TSCA.

SARA Title III – Section 302 Extremely Hazardous Substances

Not listed

SARA Title III – Section 311/312 Hazard Categories

Not listed

SARA Title III – Section 312 Threshold Planning Quantity

The threshold planning quantity (TPQ) for this product treated as a mixture is 10,000 lbs. This product contains no ingredients with a TPQ of less than 10,000 lbs.

SARA Title III – Section 313 Reportable Ingredients

Oxyfluorfen (CAS No. 42874-03-3)

RCRA Code

Not applicable

CERCLA Reportable Quantity (RQ) –

Not listed

CALIFORNIA PROP 65 STATUS –

This product does not contain any chemical known to the State of California to cause cancer or other reproductive harm.

CANADA –

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

16. OTHER INFORMATION

This Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA APPROVED PRODUCT LABELING (attached to and accompanying the product container). This SDS provides important health, safety, and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course.

To the extent consistent with applicable law, neither Atticus, LLC nor Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ATTICUS, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ATTICUS, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

SDS Version: 1.0

Effective Date: 08/27/2021



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