

Scroll™

2 XL

SAFETY DATA SHEET

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

1. IDENTIFICATION

PRODUCT NAME: Scroll 2 XL
DESCRIPTION: Liquid Herbicide
EPA REG. NO.: 91234-226
COMPANY IDENTIFICATION: Atticus, LLC
940 NW Cary Parkway, Suite 200
Cary, NC 27513

2. HAZARD IDENTIFICATION

DANGER

May be fatal if swallowed and enters airways (H304)



May cause an allergic skin reaction (H317)

Causes skin irritation (H315)

Causes eye irritation (H320)

Suspected of causing cancer (H351)

May cause respiratory irritation (H335)

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

HAZARD CLASSIFICATION

Health Hazards	Category	Other Hazards	Category
Skin Sensitization	1	None	--
Aspiration	1		
Skin Corrosion/Irritation	2	Environmental Hazards	Category
Eye Damage/Irritation	2B	Hazardous to the aquatic environment, acute	1
Carcinogenicity	2	Hazardous to the aquatic environment, chronic	1
Specific Target Organ Toxicity – Single Exposure	3		

HAZARDS NOT REQUIRING CLASSIFICATION

Do not mix or allow coming in contact with oxidizing agents.

Hazardous chemical reaction may occur.

PRECAUTIONARY STATEMENTS

Obtain, read and follow all safety instructions before use. (P203)

Avoid breathing mist, vapors, spray. Contaminated work clothing should not be allowed out of the workplace. Wash hands and exposed skin thoroughly after handling. Wear protective gloves.

(P261+ P272+P264+P280)

Use only outdoors or in a well-ventilated area. (P271)

Avoid release to the environment not in accordance with the product label. (P273)

IF SWALLOWED: Get emergency medical help immediately. Do NOT induce vomiting. (P301+P316+P331)

IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical help. Specific treatment. (See Section 4 for additional medical information). Take off contaminated clothing and wash it before reuse. (P302+P352 +P333+P317+ P321+P362+P364)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. (P305+P351+P338+P337+P317)

IF exposed or concerned, get medical advice. (P318)

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical help if you feel unwell. (P304+P340+P319)

Collect spillage. (P391)

Store locked up. (P405)

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	22.3%
NMP	N-methyl-2-pyrrolidone	872-50-4	≤10.0%
Naphthalene	--	91-20-3	<10.0%

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: **1-800-424-9300**.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Immediately call a poison control center or doctor. DO NOT induce vomiting unless told to do so by a poison control center or doctor. DO NOT give any liquid to the person. DO NOT give anything by mouth to an unconscious person.

IF IN EYES: Hold eye 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 eye. Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN: contains petroleum distillates. Vomiting may cause aspiration pneumonia.

5. FIREFIGHTING MEASURES

Flash Point: 212°F; 100°C

Fire and Explosion Hazards: Do not use or store near heat or open flame.

Extinguishing Medium: Water fog or fine spray, dry chemical, foam or carbon dioxide (CO₂). Alcohol resistant foams (ATC type) are preferred.

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: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to nitrogen oxides, hydrogen fluoride, hydrogen chloride, carbon monoxide, carbon dioxide.

NFPA Ratings: Health – 2 / 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.

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: Do not get on skin or on clothing. Avoid contact with eyes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

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
N-Methyl-2-Pyrrolidone	US WEEL	TWA	10 ppm
	US WEEL	TWA	SKIN
	CA ON OEL	TWA	400 mg/m ³
	US WEEL	TWA	SKIN
Naphthalene	ACGIH	TWA	10 ppm
	ACGIH	TWA	SKIN
	OSHA Z-1	TWA	50 mg/m ³ 10 ppm

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower.

Protective Clothing: Applicators, and other handlers must wear: Long-sleeved shirt and long pants; Chemical-resistant gloves made of barrier laminate or Viton, chemical-resistant apron, chemical resistant headgear, and shoes plus socks.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	transparent amber liquid
Odor:	moderately bitter
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):	212°F; 100°C
Auto-Ignition Temp.:	no data available
Decomposition Temp.:	no data available
pH:	4.5-5.5 (1% dispersion)
Capillary Viscosity:	10.5 cPs @ 25°C 6.50 cPs @ 40°C
Solubility:	no data available
Partition Coefficient:	no data available
Vapor Pressure:	no data available
Bulk Density:	1.0-1.1 g/cm ³
Particle Char.:	no data available

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Some components of this product can decompose at elevated temperatures. Generation of gas during decomposition can cause pressure in closed systems.

CHEMICAL STABILITY: Stable under normal use and storage conditions.

INCOMPATIBILITY WITH OTHER MATERIALS: Acids, amines, bases, halogens.

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): 3,129 mg/kg (body weight)

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

INHALATION TOXICITY (rat LC₅₀): > 5.12 mg/L (4-hour)

EYE IRRITATION: Moderately irritating (Rabbit)

SKIN IRRITATION: Moderately irritating (Rabbit)

SKIN SENSITIZATION: Contact skin sensitizer (Guinea Pig)

CARCINOGENICITY:

NTP: Reasonably anticipated to be a human carcinogen (naphthalene)

IARC: 2B Possibly carcinogenic to humans (naphthalene)

EPA: Category C: Possible human carcinogen (oxyfluorfen)

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 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): 0.38 mg/L

Sheepshead minnow (96-hour LC₅₀): >0.11 mg/L; (34-day NOAEC): 0.00409

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

Algae (96-hour EC₅₀): 0.0029

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, naphthalene), 9, PG III, Marine Pollutant

IATA:

Shipped by air: UN3082, Environmentally hazardous substance, liquid, N.O.S. (oxyfluorfen, naphthalene), 9, PG III

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.



Manufactured for:
Atticus, LLC
940 NW Cary Parkway, Suite 200
Cary, NC 27513

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

WARNING. Causes skin irritation. Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Do not get on skin or on clothing. Avoid contact with eyes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

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.

Physical or Chemical Hazards

Do not mix or allow coming in contact with oxidizing agents. Hazardous chemical reaction may occur.

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

Immediate (acute), Chronic (delayed)

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. 42874-3-3)

N-methyl-2-pyrrolidone (CAS No. 872-50-4)

Naphthalene (CAS No. 91-20-3)

CERCLA Reportable Quantity (RQ) –

Naphthalene (CAS No. 91-20-3) (<10.0%): 100 lbs. (approx. 140 gallons of product)

RCRA Code

Not applicable

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: 06/25/2021



Manufactured for:
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