



AZION™ XP

SAFETY DATA SHEET

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

1. IDENTIFICATION

PRODUCT NAME: Azion XP
DESCRIPTION: A solid herbicide
EPA REG. NO.: 91234-342
COMPANY IDENTIFICATION: Atticus, LLC
 940 NW Cary Parkway, Suite 200
 Cary, NC 27513

2. HAZARD IDENTIFICATION

WARNING

Causes eye irritation (H320)
 Very toxic aquatic life with long lasting effects (H400+H410)



HAZARD CLASSIFICATION

Health Hazards	Category	Physical Hazards	Category
Eye damage/irritation	2B	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

Wash hands and exposed skin thoroughly after handling. Do not touch eyes. (P264+P265)

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 help. (P305+P351+P338+P337+P317)

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
Metsulfuron methyl	Benzoic acid, 2-[[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]amino]sulfonyl]-, methyl ester	74223-64-6	60.0%

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. You may also contact SafetyCall at 1-844-685-9173 for emergency medical treatment information. For Chemical Emergency: Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300.

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.

5. FIREFIGHTING MEASURES

Flash Point: Not available

Flammability Limits: Not determined

Fire and Explosion Hazards: Not available

Extinguishing Medium: Water spray, foam, dry chemical, 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. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff.

Hazardous Combustion Products: May produce gases such as oxides of carbon, hydrogen, nitrogen and sulfur.

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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined area. Use personal protective equipment as required. Keep people away from and upwind of spill/leak.

Environmental Precautions: Contain spillage and minimize spread. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Keep out of drains, sewers, ditches and water ways. Do NOT contaminate water when disposing of rinse waters.

Spill Cleanup: Avoid creating dust during cleanup. Sweep, scoop or shovel spilled material and place into suitable closed containers for reuse or disposal. After decontamination, spill area can be washed with water. Collect washwater for approved disposal. Place leaking containers in oversize leakproof drums for transport.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Storage: Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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; socks; shoes; and waterproof gloves made of barrier laminate, butyl rubber \geq 14 mils, nitrile rubber \geq 14 mils, neoprene rubber \geq 14 mils, polyethylene polyvinyl chloride (PVC) \geq 14 mils, or Viton \geq 14 mils.

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:	multicolored pink and tan solid pellets
Odor:	moderately bitter
Melting/freezing point:	not available
Boiling point/Boiling range:	not available
Flammability:	not available
Flammability limits (upper/lower):	not available
Flash point (cc):	not available
Auto-ignition temperature:	not available
Decomposition temperature:	not available
pH:	5.75-6.75
Viscosity:	not available
Solubility:	not available
Partition coefficient:	not available
Vapor pressure:	not available
Density:	34.8 lb/ft ³
Relative vapor density:	not available
Particle characteristics:	not available

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: No data available.

CHEMICAL STABILITY: Stable under normal use and storage conditions.

INCOMPATIBILITY WITH OTHER MATERIALS: No data available

HAZARDOUS DECOMPOSITION PRODUCTS: No decomposition products expected under normal conditions of use.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

Information presented below is from testing done on an identical or substantially similar product:

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

DERMAL TOXICITY (rat LD₅₀): >2,000 mg/kg

INHALATION TOXICITY (rat LC₅₀): >2.05 mg/L (4-hour)

EYE IRRITATION: Mildly irritating to the eyes (Rabbit)

SKIN IRRITATION: No skin irritation (Rabbit)

SKIN SENSITIZATION: Not a skin sensitizer (Guinea Pig)

CARCINOGENICITY:

EPA: Not likely to be carcinogenic to humans

ACGIH: Not Listed **NTP:** Not Listed

IARC: Not Listed **OSHA:** Not Listed

OTHER TOXICITY: There is no evidence that metsulfuron-methyl is a developmental, reproductive, neurotoxic, carcinogenic, mutagenic or immunotoxic chemical.

12. ECOLOGICAL INFORMATION

This pesticide is very toxic to vascular plants and aquatic plants.

The following information is for the active ingredient, **Metsulfuron-methyl**:

AQUATIC TOXICITY

Rainbow trout (NOAEC): 4.5 mg/L

Bluegill sunfish (96-hour LC₅₀): >150 mg/L

Daphnia (48-hour LC₅₀): >150 mg/L

Duckweed (96-hour EC₅₀): 0.00036 mg/L; (NOAEC): 0.00016 mg/L

AVIAN TOXICITY

Mallard duck (Acute Oral LD₅₀): >2,150 mg/kg-bw

Bobwhite quail (Acute Oral LC₅₀): >5,620 mg/kg diet

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: Non-refillable containers. See container labeling for complete disposal instructions.

14. TRANSPORT INFORMATION

US-DOT:

Not regulated

IMDG:

Shipped internationally by vessel: UN3077, Environmentally hazardous substance, solid, N.O.S. (contains metsulfuron-methyl), 9, PG III, Marine Pollutant

IATA:

Shipments by air: UN3077, Environmentally hazardous substance, solid, N.O.S. (contains metsulfuron-methyl), 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. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Wear long-sleeved shirt and long pants, socks, shoes, and waterproof gloves made of Barrier Laminate; Butyl Rubber ≥ 14 mils; Nitrile Rubber ≥ 14 mils; Neoprene Rubber ≥ 14 mils; Polyethylene Polyvinyl Chloride (PVC) ≥ 14 mils and Viton ≥ 14 mil. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

GROUNDWATER ADVISORY: Metsulfuron methyl is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

SURFACE WATER ADVISORY: This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for weeks after application.

NON-TARGET ORGANISM ADVISORY: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated area.

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)

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

Not listed

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

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