

SAFETY DATA SHEET

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



1. IDENTIFICATION

PRODUCT NAME: GUNSLINGER® AMP PASTURE HERBICIDE

DESCRIPTION: A liquid herbicide.

EPA Reg. No.: 81927-81

COMPANY IDENTIFICATION:

Alligare, LLC
1565 5th Avenue
Opelika, AL 36801

2. HAZARD IDENTIFICATION

DANGER

Causes serious eye damage (H318)



HAZARD CLASSIFICATION

Health Hazard
Eye Damage/ Irritation

Category
1

Physical Hazards
None

Category
-

Environmental Hazards
None

Category
-

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

None

PRECAUTIONARY STATEMENTS

Wear eye protection / face protection. Refer to Section 8 for specific PPE requirements. (P280)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. (P305+P351+P338+P310)

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Common Name</u>	<u>Chemical Name</u>	<u>CAS #</u>	<u>Composition</u>
2, 4-D, Dimethylamine Salt	Acetic acid, (2,4-dichlorophenoxy)-, compd. with N-methylmethanamine (1:1)	2008-39-1	41.26%
Aminopyralid, Triisopropanolamine Salt	2-Pyridinecarboxylic acid, 4-amino-3,6-dichloro-, compd. with 1,1',1''-nitritotris[2-propanol] (1:1)	566191-89-7	8.24%
Propylene glycol	1,2-Propanediol	57-55-6	5.0%

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 1-800-424-9300 for emergency medical treatment information.

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 (PMCC): >100°C

Flammable Limits (LFL-UFL): Not determined

Fire and Explosion Hazards: This material will not burn until the water has evaporated. Residue can burn.

Extinguishing Medium: To extinguish combustible residues of this product use water fog, carbon dioxide, dry chemical, or foam.

Fire Fighting Equipment: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

Fire Fighting Instructions: Keep people away. Isolate fire and deny unnecessary entry. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed. To extinguish combustible residues of this product use water fog, carbon dioxide, dry chemical, or foam. Contain fire water run-off if possible. Fire water run-off, if not contained, may cause environmental damage.

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 chloride, carbon monoxide, carbon dioxide, and ammonia.

NFPA Ratings: Health – 2 / Flammability – 1 / Reactivity - 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to Section 7, Handling and Storage, for additional precautionary measures. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

Spill Cleanup: Contain spilled material if possible. Absorb with materials such as clay, dirt, and sand. Sweep up and collect in suitable and properly labeled containers. See Section 13, Disposal Considerations, for additional information.

7. HANDLING AND STORAGE

Handling: Do not get in eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

Storage: If this product is exposed to subfreezing temperatures, the active ingredient may crystallize and settle out of solution. Under these conditions the product should be warmed to at least 40°F and agitated well to dissolve any crystallized active ingredient prior to use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Workplace should be equipped with a shower and eye-wash station. 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.

Component	Regulation	Type of listing	Value/Notation
Propylene glycol	US WEEL	TWA	10 mg/m ³

Protective Clothing: Applications and other handlers must wear: long-sleeved shirt and long pants, shoes plus socks, protective eyewear, chemical-resistant gloves made of any waterproof material such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, or Viton ≥ 14 mils, when applying with any handheld nozzle or equipment, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate, and chemical resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.

General: Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water. Keep and wash PPE separately from other laundry

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	yellow to orange liquid	pH:	6.69 (1% aqueous suspension)
Odor:	mild	Kinematic viscosity:	not available
Melting/freezing point:	not available	Solubility:	not available
Boiling point/Boiling range:	not available	Partition coefficient:	not available
Flammability:	not available	Vapor pressure:	not available
Flammability limits (upper/lower):	not available	Liquid Density:	1.173 g/mL (9.79 lb/gal) @ 20°C (68°F)
Flash point (cc):	>100°C (>212°F)	Relative vapor density:	not available
Auto-ignition temperature:	no test data available	Particle characteristics:	not available
Decomposition temperature:	not 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 all normal use and storage conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition products depend upon temperature, air supply and the presence of other materials. Decomposition products can include and are not limited to; ammonia, hydrogen chloride, nitrogen oxides. Toxic gases are released during decomposition.

INCOMPATIBILITY WITH OTHER MATERIALS: Avoid contact with acids, bases, oxidizers.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

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

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

INHALATION TOXICITY (rat LC₅₀): > 5.26 mg/L (4-hour)

EYE IRRITATION: May cause moderate eye irritation and slight corneal injury. (Rabbits)

SKIN IRRITATION: Brief contact may cause slight skin irritation with local redness. (Rabbits)

SKIN SENSITIZATION: Not a contact sensitizer. (Mice)

CARCINOGENICITY:

EPA: Category D: Not Classifiable as to Human Carcinogenicity (2,4-D)
Not Likely to be Carcinogenic to Humans (Aminopyralid)

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

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

SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE): In animals, effects have been reported on the following organs: adrenal gland, bone marrow, eye, gastrointestinal tract, kidney, liver, spleen, testes, thyroid (2,4-Dichlorophenoxyacetic acid and aminopyralid).

REPRODUCTIVE TOXICITY: In laboratory animals, excessive doses toxic to the parent animals caused decreased weight and survival of offspring (2,4-Dichlorophenoxyacetic acid). Aminopyralid: In animal studies, did not interfere with reproduction.

TERATOGENICITY: Has been toxic to the fetus in laboratory animals at doses toxic to the mother. Did not cause birth defects in laboratory animals (2,4-Dichlorophenoxyacetic acid). Aminopyralid: Did not cause birth defects or other effects in the fetus even at doses which caused toxic effects in the mother.

MUTAGENICITY TOXICITY: In vitro genetic toxicity studies were negative. Animal genetic toxicity studies were predominately negative.

12. ECOLOGICAL INFORMATION

As an herbicide, 2,4-D is toxic to terrestrial and aquatic plants. In general, it is practically nontoxic or slightly toxic to aquatic and terrestrial animals, based on acute data (i.e., hazard only). Aminopyralid is practically non-toxic to fish, birds, mammals, aquatic invertebrates and honeybee adults on acute exposure basis.

AQUATIC TOXICITY

Bluegill Sunfish (96-hr LC ₅₀):	83 mg/L
Water Flea (48-hr EC ₅₀):	>100 mg/L
Eastern Oyster (96-hr EC ₅₀):	96 mg/L

PERSISTENCE AND DEGRADABILITY

2, 4-D Dimethylamine Salt:

Material is readily biodegradable. Passes OECD test(s) for ready biodegradability.

Aminopyralid Triisopropanolamine Salt:

Material is not readily biodegradable according to OECD/EEC guidelines.

Propylene glycol:

Material is readily biodegradable. Passes OECD test(s) for ready biodegradability. Biodegradation may occur under anaerobic conditions (in the absence of oxygen).

13. DISPOSAL CONSIDERATIONS

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by 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 and refillable containers. Refer to the product label for specific container handling instructions.

14. TRANSPORT INFORMATION

UN Number:	UN3082
Proper Shipping Name:	Environmentally hazardous substance, liquid, N.O.S. (contains 2,4-D salt)
Transport Hazard Class:	9
Packing Group:	III
Hazard Zone:	None
Marine Pollutant:	No
Hazardous Substance RQ:	100 lbs. (2,4-D) (approx. 30 gal. product)
Labels / Placards:	US-DOT: Class 9 Environmentally Hazardous Substance IMDG, IATA: Not regulated
Emergency Guide:	171 (NAERG – North American Emergency Response Guide)

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

DANGER: Corrosive. Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

See inside label booklet for additional Precautionary Statements and Directions for Use including Storage and Disposal instructions.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates and may be toxic to fish. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water. Take care to minimize the incidental overspray along the shoreline when applying to terrestrial plants at the water's edge or to water in areas where surface water is present. Do not apply directly to intertidal areas below the mean high water mark, except as permitted on this label. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwater or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

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

N/A

SARA Title III – Section 313 Reportable Ingredients

2,4-D (CAS No. 94-75-7)

CERCLA –

2,4-D (CAS No. 94-75-7): 100 lbs. (approx. 30 gal. product)

CALIFORNIA PROP 65 STATUS –

This product does not contain any chemicals known to the state of California to cause cancer or 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 INFORMATION IN THIS SDS IS BASED ON DATA AVAILABLE AS OF THE REVISION DATE GIVEN HEREIN, AND BELIEVED TO BE CORRECT. CONTACT ALLIGARE, LLC TO CONFIRM IF YOU HAVE THE MOST CURRENT MSDS. JUDGMENTS AS TO THE SUITABILITY OF THE INFORMATION HEREIN FOR THE INDIVIDUAL'S OWN USE OR PURPOSES IS NECESSARILY THE INDIVIDUAL'S OWN RESPONSIBILITY. ALTHOUGH REASONABLE CARE HAS BEEN TAKEN IN THE PREPARATION OF SUCH INFORMATION, ALLIGARE, LLC EXTENDS NO WARRANTIES, MAKES NO REPRESENTATIONS, AND ASSUMES NO RESPONSIBILITY AS TO THE ACCURACY OR SUITABILITY OF SUCH INFORMATION FOR APPLICATION TO THE INDIVIDUAL'S PURPOSES OR THE CONSEQUENCES OF ITS USE.

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.

SDS Version: 2.0

Effective Date: 03/28/2023