

# SAFETY DATA SHEET

RightLine® BASILISK



## Section 1. Identification

**GHS product identifier** : RightLine® BASILISK  
**Chemical names** : Prodiamine  
**Product code** : Not available  
**Other means of identification** : Not available  
**EPA Registration Number** : 93051-14  
**EPA Signal Word** : CAUTION  
**Product type** : Liquid.

### Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** : Herbicide  
**Supplier's details** : RightLine LLC  
950 Falcon Drive  
Malden, MO 63863, USA  
Tel: 770-335-3015

**Emergency telephone number (with hours of operation)** : Call (800) 222-1222 (Poison Control Center)

## Section 2. Hazards Identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** :

SKIN SENSITIZER – Category 1B  
EYE IRRITATION - Category 2B  
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 3  
ACUTE TOXICITY, ORAL– Category 5  
AQUATIC HAZARD (ACUTE) – Category 1  
AQUATIC HAZARD (CHRONIC) – Category 1

### GHS label elements



**Hazard pictograms** :

**Signal word** :

**Hazard statements** :  
H317 – May cause an allergic skin reaction  
H320 - Causes eye irritation  
H373 – May cause damage to organs through prolonged or repeated exposure  
H336 – May cause drowsiness or dizziness  
H303 – May be harmful if swallowed  
H400 – Very toxic to aquatic life  
H410 – Very toxic to aquatic life with long lasting effects

**Precautionary statements****Prevention**

: P261+P271+P272+P280 – Avoid breathing mist/vapors/spray. Use only outdoors or with adequate ventilation. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.

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

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

**Response**

: P302+P352+P333+P317+P321 – IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical help. Specific treatment (see information on this label and safety data sheet).

362+P364 - Take off contaminated clothing and wash it before reuse.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P317 – If eye irritation persists: Get medical help.

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

P301+P317 – IF SWALLOWED: Get medical help.

P391 – Collect spillage.

**Storage**

: P403+P233+P405 –Store in a well-ventilated place. Keep container tightly closed. Store locked up.

**Disposal**

: P501 – Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Hazards not otherwise classified**

: None known.

**Section 3. Composition/Information on Ingredients**

**Substance/mixture** : Mixture

**Chemical name(s)** : 1,3-Benzenediamine, 2,6-dinitro-N1,N1-dipropyl-4-(trifluoromethyl)-

| Ingredient name | %    | CAS number |
|-----------------|------|------------|
| Prodiamine      | 40.0 | 29091-21-2 |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

**Section 4. First Aid Measures****Ingestion**

: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious or convulsing person.

**Inhalation**

: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

**Skin contact**

: 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.

**Eye contact**

: 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. Call a poison control center or doctor for treatment advice.

**Most important symptoms/effects, acute and delayed Potential acute health effects**

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

**Over-exposure signs/symptoms**

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

**Indication of immediate medical attention and special treatment needed, if necessary**

- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting Measures

**Extinguishing media**

- Suitable extinguishing media** : Use dry chemical, alcohol-resistant foam, or CO2 extinguishing media. If water is used to fight fire, dike and collect runoff.

**Unsuitable extinguishing Media**

- : Do not use water jet.

**Specific hazards arising from the chemical**

- : During a fire, irritating and possibly toxic gases may be generated by decomposition or combustion. Combustion may yield smoke, carbon monoxide, and other products of incomplete combustion. Oxides of sulfur, nitrogen or phosphorus may also be formed.

**Hazardous thermal decomposition products**

- : None known.

**Special protective actions for fire-fighters**

- : Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion. Prevent contamination from run-off of adjacent areas, streams, drinking water and sewers. Do not flush down sewers or other drainage systems.

**Special protective equipment for fire-fighters**

- : Wear full protective clothing and self-contained breathing apparatus.

**NFPA Ratings**

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

## Section 6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures****For non-emergency**

- Personnel** : Use appropriate personal protection equipment (PPE).

**For emergency responders**

- : Keep all sources of ignition away from spill/release. In case of a major spill or spillage in a confined space evacuate the area and check vapor levels. Follow exposure controls/personal protection outlined in Section 8.

**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.

**Methods and materials for containment and cleaning up**

- Spill** : 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.

## Section 7. Handling and Storage

### Precautions for safe handling

- Protective measures** : Avoid contact with skin, eyes, or clothing. See Section 8.
- Advice on general occupational hygiene** : 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. See also Section 8 for additional information on hygiene measures.

### **Conditions for safe storage, including any incompatibilities**

- : Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use replace lids and close tightly. Do not put concentrate or dilute material into food or drink container.

## Section 8. Exposure Controls/Personal Protection

### Control parameters Occupational exposure limits

| Chemical Name       | OSHA PEL                                                           | ACGIH TLV                                                           | Other           | Source          |
|---------------------|--------------------------------------------------------------------|---------------------------------------------------------------------|-----------------|-----------------|
| Proprietary Solvent | TWA 15 mg/m <sup>3</sup><br>(total) TWA 5 mg/m <sup>3</sup> (resp) | TWA 3 mg/m <sup>3</sup><br>(respirable) 10 mg/m <sup>3</sup> (mist) | Not Established | Not Established |
| Prodiamine          | Not Established                                                    | Not Established                                                     | Not Established | Not Established |

### **Appropriate engineering Controls**

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

### **Environmental exposure Controls**

- : Provide adequate ventilation. Where reasonably practicable this should be achieved by use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

### Individual protection measures

- Hygiene measures** : After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash contaminated clothing and safety equipment.

### **Eye/face protection**

- : Wear safety eyewear, e.g. safety glasses, goggles or visors to protect against the splash of liquids.

### Skin protection

#### **Hand and Body protection**

- : Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. All parts of the body should be washed after contact.

#### **Other skin protection**

- : Pesticide handlers (mixers, loaders, and applicators) must wear long-sleeved shirt and long pants, shoes plus socks.

#### **Respiratory protection**

- : If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

## Section 9. Physical and Chemical Properties

### Appearance

|                                              |                        |
|----------------------------------------------|------------------------|
| Physical state                               | : Liquid               |
| Color                                        | : Not available        |
| Odor                                         | : Mild                 |
| Odor threshold                               | : Not available        |
| pH                                           | : 6.44 (1% dispersion) |
| Melting point                                | : Not available        |
| Boiling point                                | : Not available        |
| Flash point                                  | : >200°F (>93°C)       |
| Evaporation rate                             | : Not available        |
| Flammability                                 | : Not available        |
| Vapor Pressure                               | : Not available        |
| Density                                      | : 9.35 lbs/gal         |
| Solubility                                   | : Not available        |
| Partition Coefficient                        | : Not available        |
| Viscosity (Kinematic)                        | : 1300-2200 cPs        |
| Lower and upper explosive (flammable) limits | : Not available        |

## Section 10. Stability and Reactivity

|                                    |                                                                                                           |
|------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Reactivity                         | : Not chemically reactive.                                                                                |
| Chemical stability                 | : Stable under normal ambient and anticipated conditions of use.                                          |
| Possibility of hazardous reactions | : Hazardous reactions not anticipated.                                                                    |
| Conditions to avoid                | : Extended exposure to high temperatures can cause decomposition. Avoid all possible sources of ignition. |
| Incompatible materials             | : Oxidizing agents.                                                                                       |
| Hazardous decomposition Products   | : Not anticipated under normal conditions of use.                                                         |

## Section 11. Toxicological Information

### Symptoms of exposure:

Delayed, immediate and chronic effects of exposure: Drowsiness or dizziness

### Information on toxicological effects Acute toxicity

| Product             | Result                      | Species | Dose                     | Exposure |
|---------------------|-----------------------------|---------|--------------------------|----------|
| RightLine® BASILISK | LD50 Oral                   | Rat     | >2,000 mg/kg (estimated) | -        |
|                     | LD50 Dermal                 | Rat     | >2,000 mg/kg (estimated) | -        |
|                     | LC50 Inhalation (Dust/Mist) | Rat     | >5.00 mg/l (estimated)   | 4 hours  |
|                     | LC50 Inhalation (Vapor)     | Rat     | >20.00 (estimated)       | 4 hours  |

### Irritation/Corrosion

| Product/ingredient name | Result                      | Species | Score | Exposure | Observation |
|-------------------------|-----------------------------|---------|-------|----------|-------------|
| RightLine® BASILISK     | Skin – Slightly irritating. | Rabbit  | -     | -        | -           |
|                         | Eye – Mildly irritating     | Rabbit  | -     | -        | -           |

### Sensitization

Skin sensitizer (Guinea Pig)

### Mutagenicity

There is no data available.

### Carcinogenicity

Possible human carcinogen based on limited animal evidence in the absence of human data. Information is insufficient for classification.

**Reproductive toxicity**

Prodiamine: Fetal toxicity at high dose levels (rats); developmental and maternal toxicity observed at 1g/kg/day. These were congenital anomalies occurring in test and control animals that are not considered to be treatment related.

**Teratogenicity**

There is no data available.

**Specific target organ toxicity (single exposure)**

No data available.

**Specific target organ toxicity (repeated exposure)**

Prodiamine: Liver (alteration and enlargement) and thyroid effects (hormone imbalances) at high dose levels (rats); decreased body weight gains.

**Aspiration hazard**

There is no data available.

**Information on the likely**

**routes of exposure** : Dermal, inhalation

**Potential acute health effects**

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

**Delayed and immediate effects and also chronic effects from short and long term exposure****Short term exposure**

**Potential immediate effects** : No known significant effects or critical hazards.

**Potential delayed effects** : No known significant effects or critical hazards.

**Long term exposure**

**Potential immediate effects** : No known significant effects or critical hazards.

**Potential delayed effects** : No known significant effects or critical hazards.

**Potential chronic health effects**

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Teratogenicity** : No known significant effects or critical hazards.

**Developmental effects** : No known significant effects or critical hazards.

**Fertility effects** : No known significant effects or critical hazards.

## Section 12. Ecological Information

### Toxicity

| Product/ingredient name | Result                                    | Species                             | Exposure |
|-------------------------|-------------------------------------------|-------------------------------------|----------|
| Prodiamine              | Acute LC50 >Solubility Limit (~0.13 mg/L) | Rainbow Trout – Oncorhynchus mykiss | 96 hours |
|                         | Acute LC50 >0.026 mg/L                    | Fathead minnow                      | 96 hours |
|                         | NOAEC 0.0019 mg/L                         |                                     | 16-weeks |
|                         | Acute EC50 >0.022 mg/L                    | Duckweed                            | 7-days   |
|                         | NOAEC 0.0078 mg/L                         |                                     | -        |
|                         | Acute EC50 0.000807 mg/L                  | Green Algae                         | 96 hours |
|                         | NOAEC 0.000291 mg/L                       |                                     | -        |
|                         | Acute EC50 >Solubility Limit (~0.13 mg/L) | Water Flea - Daphnia magna          | 48 hours |
|                         | NOAEC 0.0066 mg/L                         |                                     | 21-days  |
|                         | Acute LC50 >Solubility Limit (~0.13 mg/L) | Mysid Shrimp                        | 96 hours |
|                         | LC50 >9,840 mg/kg-diet                    | Bobwhite Quail                      | 8-days   |
|                         | NOAEC 375 mg/kg-diet                      |                                     | 22-weeks |
|                         | Acute LD50 >100µg/bee                     | Honey Bee                           | 48 hours |

### Persistence and degradability

Not established.

### Bioaccumulative potential

Not established.

### Mobility in soil

Not established.

## Section 13. Disposal Considerations

### Disposal methods

: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. Dispose of excess or waste pesticide by use according to label directions, or contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### United States - RCRA Toxic hazardous waste "U" List

| Ingredient | CAS # | Status | Reference number |
|------------|-------|--------|------------------|
| Not listed | -     | -      | -                |

## Section 14. Transport Information

|                            | DOT Classification*                                              | IMDG                                                             | IATA                                                             |
|----------------------------|------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|
| UN number                  | UN3082                                                           | UN3082                                                           | UN3082                                                           |
| UN proper shipping name    | Environmentally hazardous substance, liquid, N.O.S. (prodiamine) | Environmentally hazardous substance, liquid, N.O.S. (prodiamine) | Environmentally hazardous substance, liquid, N.O.S. (prodiamine) |
| Transport hazard class(es) | Environmentally hazardous substance                              | Environmentally hazardous substance                              | Environmentally hazardous substance                              |
| Packing group              | III                                                              | III                                                              | III                                                              |
| Environmental hazards      | Marine Pollutant†                                                | Marine Pollutant                                                 | Marine Pollutant                                                 |

### DOT-RQ Details

: Not Available

AERG : Not available

†**Marine Pollutant Note:** Ground-only shipments of this product are excluded from Marine Pollutant labeling requirements as per 49CFR172.101 Appendix B(4). For any shipments involving all or part of the transport by vessel, the shipment must be classified as a Marine Pollutant unless a limited quantity exemption applies.

Additional information

- \*DOT Classification** : Non-bulk packages (containers ≤ 119 gal. (450 L)) of this product are not regulated as hazardous materials in package sizes less than the product reportable quantity, unless transported by inland waterway.
- NAFTA** : Containers ≤ 119 gal. (450 L): Not regulated  
Containers > 119 gal. (450 L):  
Proper Shipping Name: UN3082, Environmentally hazardous substance, liquid, N.O.S. (prodiamine), 9, PG III  
Identification Number: UN3082  
Packing Group: PG III
- IMDG** : This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.
- IATA** : This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.
- Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Section 15. Regulatory Information**

- U.S. Federal regulations** : **United States inventory (TSCA 8b):** Not determined.  
**Clean Water Act (CWA) 311:** Not determined

**Clean Air Act Section 112  
(b) Hazardous Air Pollutants  
(HAPs)**

: Not listed

**Clean Air Act Section 602  
Class I Substances**

: Not listed

**Clean Air Act Section 602  
Class II Substances**

: Not listed

**DEA List I Chemicals  
(Precursor Chemicals)**

: Not listed

**DEA List II Chemicals  
(Essential Chemicals)**

: Not listed

SARA 302/304Composition/information on ingredients

| Name          | EHS | SARA 302 TPQ |           | SARA 304 RQ |           |
|---------------|-----|--------------|-----------|-------------|-----------|
|               |     | (lbs)        | (gallons) | (lbs)       | (gallons) |
| Not available | -   | -            | -         | -           | -         |

- SARA 304 RQ** : Not listed.

SARA 311/312

- Classification** : Immediate (acute), Delayed (Chronic)

**Composition/information on ingredients**

| Name       | Classification |
|------------|----------------|
| Not listed | -              |

**SARA 313**

|                                 | Active Ingredient(s) | CAS number |
|---------------------------------|----------------------|------------|
| Form R - Reporting requirements | None                 | N/A        |
| Supplier notification           | None                 | N/A        |

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

**California Prop. 65**

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

**Section 16. Other Information****History**

**Date of issue mm/dd/yyyy** : 09/10/2026

**Date of previous issue** : N/A

**Version** : 1.0

**Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.