



SAFETY DATA SHEET

Section 1- Product and Company Identification

PRODUCT:

RightLine® ADDIT™ HERBICIDE

OTHER MEANS OF IDENTIFICATION:

Synonyms

Benzenepropanoic acid, alpha., 2-dichloro-5-[4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]-4-fluoro-, ethyl ester

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTION ON USE:

Agricultural herbicide

SUPPLIER'S DETAILS:

RightLine, LLC

Add: 950 Falcon Drive, Malden, MO 63863

EMERGENCY PHONE NUMBER

National Pesticide Information Center: 1-800-858-7378 (Monday through Friday, 8:00 AM to 12 PM Pacific Standard Time)

Poison Control Center: 1-800-222-1222 (In the event of a medical emergency)

Section 2- Hazard(s) Identification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Based on available data, the classification criteria are not met.

OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION

Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects

Section 3 - Composition/Information on Ingredient

Carfentrazone-ethyl (CAS#128639-02-1)	21.58%
Other inert ingredients	78.42%

Section 4 - First Aid Measures

EYES:

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.

SKIN:

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.



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 the poison control center or doctor. Never give anything by mouth to an unconscious person.

INHALATION:

Move person to fresh air. If person is not breathing, call a poison control, then give artificial respiration, preferably by mouth to mouth. Call a poison control center or doctor for further treatment advice.

Section 5 - Fire Fighting Measures

SUITABLE EXTINGUISHING MEDIA:

Foam, CO₂ or dry chemical. Soft stream water fog only if necessary. Contain all runoff.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Hazardous combustion products include carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride, phosgene and hydrogen fluoride.

Not combustible. When heated above the flash point, this material releases vapors which, when mixed with air, can burn or be explosive.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS:

Isolate fire area. Evacuate downwind. Wear full protective clothing and self-contained breathing apparatus. Do not breathe smoke, gases or vapors generated.

Section 6 - Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Wear respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

ENVIRONMENTAL PRECAUTIONS:

Keep material out of lakes, streams, ponds and sewer drains. In the event of a major spill, prevent spillage from entering drains or water courses.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

RELEASE NOTES:

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

Section 7 - Handling and Storage

PRECAUTIONS FOR SAFE HANDLING:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

CONDITIONS FOR SAFE STORAGE:

Store in a cool, dry, well-ventilated place. Do not use or store near heat, open flame or hot surfaces. Store in original containers only. Keep out of reach of children and animals. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal. Keep away from strong oxidising agents.

Section 8 - Exposure Controls / PPE

ENGINEERING CONTROLS:

Handle in well ventilated areas, generally natural ventilation is adequate.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

RESPIRATORY PROTECTION:

Use a vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible.

HAND PROTECTION:

For prolong or repeated contact use protective gloves.

EYE PROTECTION: Safety glasses

SKIN AND BODY PROTECTION:

Cotton overall buttoned to the neck and wrist, safety boots and a washable hat.

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.

Section 9 - Physical/Chemical Properties

Form: Off-white to white liquid

pH: 4.5-6.5

Density: 1.04-1.08 g/cm³

Flash point: >100°C(close up)

Explosibility: none

Combustibility: none

Corrosivity: none

Section 10 - Stability and Reactivity



CONDITIONS TO AVOID:

Heat, sparks, open flames, hot surfaces and direct sunlight.

CHEMICAL STABILITY:

Stable at ambient temperature and under normal conditions of use.

POSSIBILITY OF HAZARDOUS REACTIONS:

Hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS:

Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride, phosgene and hydrogen fluoride.

Section 11 - Toxicological Information**ORAL**

LD50: 5000 mg/kg(rat)

DERMAL

LD50: > 2000 mg/kg (rat)

INHALATION

LC50: > 5.236 mg/l (4 h, rat)

EYE EFFECTS:

Not an irritant (rabbit)

SKIN EFFECTS:

Not an irritant (rabbit)

SKIN SENSITIZATION:

Not a sensitiser (guinea pig)

Section 12 - Ecological Information

The information below is based on active ingredient.

Birds

LD50 for bobwhite quail >2250 mg/kg. LC50 for mallard duck >5620 ppm.

Fish

LC50 (96 h) 1.6–43 mg/l, depending on species.

Daphnia

EC50 (48 h) 9.8 mg/l.

Algae

EC50 5.7–17 µg/l, depending on species.

Other aquatic spp.

EC50 (96 h) for eastern oysters 2.05, mysid shrimps 1.16 ppm. EC50 (14 d) for Lemna gibba 0.0057 mg/l.

Bees

LD50 (oral) >35 µg/bee; (contact) >200 µg/bee.

Worms

LC50 >820 mg/kg soil.

Section 13 - Disposal Considerations

DISPOSAL METHOD:

Open dumping or burning of this material or its packaging is prohibited. If spilled material cannot be disposed of by use according to label instructions, an acceptable method of disposal is to incinerate in accordance with local, state and national environmental laws, rules, standards and regulations. However, because acceptable methods of disposal may vary by location and regulatory requirements may change, the appropriate agencies should be contacted prior to disposal.

EMPTY CONTAINER:

Non-returnable containers that held this material should be cleaned, prior to disposal, by triple rinsing. Containers which held this material may be cleaned by being triplerinsed, and recycled, with the rinsate being incinerated. Do not cut or weld metal containers. Vapors that form may create an explosion hazard.

Section 14 - Transport Information

DOT

This material is not a hazardous material as defined by U.S. Department of Transportation at 49 CFR Parts 100 through 185.

TDG

Classification below is only applicable when shipped by vessel and is not applicable when shipped by road or rail only.

UN/ID no	UN3082
Hazard class	9
Packing Group	III
Marine pollutant:	Carfentrazone-ethyl
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (Carfentrazone-ethyl), 9, PG III, Marine pollutant

ICAO/IATA

UN/ID no	UN3082
Hazard class	9
Packing Group	III
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (Carfentrazone-ethyl), 9, PG III

IMDG/IMO

UN/ID no	UN3082
Hazard class	9
Packing Group	III
EmS No.	F-A, S-F



Marine pollutant: Description	Carfentrazone-ethyl UN3082, environmentally hazardous substance, liquid, n.o.s. (Carfentrazone-ethyl), 9, PG III, Marine pollutant
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Section 15 - Regulatory Information

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws.

Section 16 - Additional Information

SDS Creation Date: 03/02/2023

Revision #1 Date: 03/02/2023

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.