



Preparation Date 02/19/2026

Revision Number: 1

1. Identification of the Substance/Preparation and of the Company/Undertaking

Identification of the product

Product Description Barracuda™

Other means of identification

Registration number(s) 70506-557-67690

Recommended use of the chemical and restrictions on use

Recommended use Insecticide and miticide

Uses advised against Activities contrary to label recommendation

Details of the Supplier of the Safety Data Sheet

Supplier Address

SEPRO CORPORATION
11550 N Meridian St
Suite 600
Carmel, Indiana 46032

Company Phone Number 1-317-580-8282

Emergency telephone number

Emergency telephone number INFOTRAC – 24-hour service – 1-800-535-5053

2. Hazards Identification

Classification

OSHA Regulatory Status

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

Acute toxicity - Oral	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4

Label elements

EMERGENCY OVERVIEW

WARNING

Hazard Statements

HARMFUL IF SWALLOWED
HARMFUL IF INHALED



Appearance off-white**Physical state** Liquid**Odor** Mild**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Do not breathe dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
In case of inadequate ventilation wear respiratory protection

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Immediately call a POISON CENTER or doctor/physician
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth

Precautionary Statements - Storage

Store locked up
Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)**OTHER INFORMATION**

- Toxic to aquatic life
- Toxic to birds.
- Toxic to mammals.

3. Composition/information on Ingredients

Chemical name	CAS No	Weight-%
Bifenazate	149877-41-8	43.2
Propylene Glycol	57-55-6	5-10
Abamectin	71751-41-2	2.2

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

4. First aid measures**FIRST AID MEASURES**

Eye contact	Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Skin contact	Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
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 further treatment advice.
Ingestion	Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Have person sip a glass of water if able to swallow.

Most Important Symptoms and Effects, Both Acute and Delayed

Most Important Symptoms and Effects No data available.

Indication of Any Immediate Medical Attention and Special Treatment Needed
Notes to physician Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media

Use: Dry chemical. Carbon dioxide (CO₂). Water spray. Alcohol-resistant foam.

Unsuitable extinguishing media No data available.

Specific hazards arising from the chemical

Keep product and empty container away from heat and sources of ignition.

Explosion data

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Remove all sources of ignition. Use personal protective equipment. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges. Avoid contact with skin and avoid breathing in mist/fume/smoke.

Environmental Precautions

Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and material for containment and cleaning up

Methods for Clean-Up

Soak up with inert absorbent material. Dam up. Pick up and transfer to properly labelled containers. Take precautionary measures against static discharges.

7. Handling and Storage

Precautions for safe handling

Handling

Do not breathe vapours or spray mist. Use only in area provided with appropriate exhaust ventilation. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks and open flame. - No smoking. Wear personal protective equipment. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use product only in closed system.

Conditions for safe storage, including any incompatibilities

Storage

Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. Protect from light. Keep in properly labelled containers.

Incompatible materials

OXIDIZERS. Strong acids. Strong bases.

8. Exposure Controls/Personal Protection

Exposure guidelines

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering controls

Investigate engineering techniques to reduce exposures. Local mechanical exhaust ventilation is preferred. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems.

Personal protective equipment**Eye/Face Protection**

Use eye protection to avoid eye contact. Where there is potential for eye contact have eye flushing equipment available. Safety glasses with side-shields.

Skin protection

Wear protective gloves/clothing. Socks and footwear.

Respiratory protection

Where airborne exposure is likely, use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Full facepiece equipment is recommended and, if used, replaces need for face shield and/or chemical goggles. If exposures cannot be kept at a minimum with engineering controls, consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure, use an approved full face positive-pressure, self-contained breathing apparatus. Respiratory protection programs must comply with 29 CFR 1910.134.

General hygiene considerations

When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing.

9. Physical and Chemical Properties**9.1 Information on basic physical and chemical properties**

Appearance	clear
Physical state	Liquid
Odor	Mild
color	Off-white to Tan

<u>Property</u>	<u>VALUES</u>	<u>Remarks/ Method</u>
pH	7.2	(1% aq)
Melting point/freezing point		None known
Boiling Point/Range		None known
Flash Point	> 230 F/ 110 C	
Evaporation Rate		None known
Flammability (solid, gas)		None known
Specific gravity	1.104	
Bulk density		None known
Water solubility		None known
Solubility in Other Solvents		None known
Partition coefficient: n-octanol/water		None known
Autoignition temperature		None known
Decomposition temperature		None known
Viscosity		None known

9.2 OTHER INFORMATION- NONE**10. Stability and Reactivity****Reactivity**

No data available

Chemical stability

Stable under normal conditions. Hazardous polymerisation does not occur.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

No information available.

Incompatible materials

OXIDIZERS. Strong acids. Strong bases.

Hazardous decomposition products

Carbon oxides.

11. Toxicological Information**Information on Likely Routes of Exposure**

Product information	Barracuda Acute oral LD50 >310 mg/kg Acute dermal LD50 >5,000 mg/kg Acute inhalation LC50 >0.52- <2.54 mg/l/4hr
Inhalation	Harmful if inhaled.
Eye contact	Slightly irritating.
Skin contact	Based on available data, the classification criteria are not met.
Ingestion	Harmful if swallowed.

Information on Toxicological Effects

Symptoms	No information available.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Mutagenic effects	No data available.
Carcinogenicity	There are no known carcinogenic chemicals in this product.
Reproductive effects	Abamectin - CA Prop 65 Developmental listed.
STOT - Single Exposure	No data available.
STOT - Repeated Exposure	No data available.
Chronic toxicity	Avoid repeated exposure.
Aspiration hazard	No information available.

Numerical Measures of Toxicity - Product information

LD50 Oral	> 310 mg/kg (rat)
LD50 Dermal	> 5,000 mg/kg (rat)
LC50 Inhalation	0.52 - <2.54 mg/l/4hr mg/l

12. Ecological Information**ecotoxicity**

Abamectin
FISH (bluegill and trout) 96 hr LC50 = 0.0096 mg/L and 0.0036 mg/L
DAPHNIA EC50 48 hr = 0.00037 ng/L
HONEY BEE Acute tox LD50 = 0.002ug/bee
BOBWHITE QUAIL 8 day = 3102 ppm
Bifenazate
FISH =
Bluegill sunfish: LC50 96 hr 0.58 mg/L

Rainbow trout: LC50 96 hr 0.76 mg/L
ALGAE=
Green algae 96 hr EC50 >2.02 mg/L
Gibbous duckweed IC50 7 day >3.82 mg/L
DAPHNIA =
Daphnia magna EC50 48 hr 0.5 mg/L

Persistence/Degradability

no data available.

Bioaccumulation/ Accumulation

No information available.

Other Adverse Effects

no data available

13. Disposal Considerations

Waste Treatment Methods**Waste Disposal Method**

Pesticide wastes can be hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal law. If the wastes cannot be disposed of by use or 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.

Contaminated packaging

Refer to product label.

14. Transport Information

DOT

When shipped bulk (>119 gallons) domestically the Marine Pollutant marking must be added to the package.

UN/ID no	UN2902
Proper shipping name	Pesticide, liquid, toxic, n.o.s (Abamectin) (Bifenazate)
Hazard class	6.1
Packing group	PG II

TDG

UN/ID no	UN2902
Proper shipping name	Pesticide, liquid, toxic, n.o.s. (Abamectin, Bifenazate)
Hazard class	6.1
Packing group	PG II
Marine Pollutant: Y or N [List Ingredient(s) with %]	Marine pollutant.

IATA

UN/ID no	UN2902
Proper shipping name	Pesticide, liquid, toxic, n.o.s (Abamectin) (Bifenazate)
Hazard class	6.1
Packing group	PG II
Description	Marine pollutant

IMDG

UN/ID no	UN2902
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Proper shipping name	Pesticide, liquid, toxic, n.o.s (Abamectin) (Bifenazate)
Hazard class	6.1
Packing group	PG II
Environmental hazards	Marine pollutant

15. Regulatory Information

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. Following is the hazard information as required on the pesticide label:

signal word WARNING

May be fatal if swallowed. Harmful if inhaled. Toxic to birds, mammals, fish and aquatic invertebrates. Toxic to fish and wildlife.

International Inventories

USINV	Not present
DSL/NDSL	Not present
EINECS/ ELINCS	Not Present

ENCS	Not Present
China	Not Present
KECL	Not Present
PICCS	Not Present
AICS	Not Present
TSCA	Not Present

- **TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CERCLA

Not applicable

CERCLA

RCRA

Pesticide Information

Component	FIFRA - Restricted Use	FIFRA - Pesticide Product Other Ingredients	FIFRA - Listing of Pesticide Chemicals	California Pesticides - Restricted Materials
Bifenazate 149877-41-8 (43.2)			X	
Propylene Glycol 57-55-6 (5-10)			X	

Abamectin 71751-41-2 (2.2)			X	
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State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Component	California Prop. 65
Abamectin 71751-41-2 (2.2)	Developmental

Prop 65 Pictogram**Prop 65 Warning Statement
California Proposition 65****WARNING**

This product can expose you to chemicals which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

State Right-to-Know

Chemical name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Propylene Glycol - 57-55-6		X	X		
Abamectin - 71751-41-2		X			

International regulations**U.S. EPA Label information****EPA Pesticide registration number** 70506-557-67690**16. Other Information****NFPA****HEALTH** 3**flammability** 1**Instability** 0**Physical hazard** -**Preparation Date**

28-Jul-2022

Revision date

27-Oct-2025

Revision Summary

Update section 2 Update section 11 Update section 14 updated Packing group

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