

SAFETY DATA SHEET**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: **Eminence™ ST Pro**

REGISTRATION NUMBER: 84059-34

SUPPLIER: ProFarm Group Inc.

ADDRESS: 1530 Drew Ave., Davis, CA 95618

**EMERGENCY PHONE: INFOTRAC Chemical Response System
US and Canada 1-800-535-5053 (24 hours)
International 1-352-323-3500 (24 hours)**

OTHER CALLS: ProFarm Group Inc. 530-750-2800 (9am to 5 pm PST) FAX
PHONE: ProFarm Group Inc. 530-750-2808

PRODUCT USE: Bio-based Insecticide and Nematicide

SECTION 2: HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW:**

Causes mild skin irritation
Harmful to aquatic life

HAZARD SYMBOLS:

Pictogram (none)

Signal Word **Warning**

HAZARD STATEMENTS:

H316 Causes mild skin irritation
H402 Harmful to aquatic life

PRECAUTIONARY STATEMENTS

P332 + P313 If skin irritation occurs: Get medical advice/attention.
P501 Dispose of contents in accordance with local and regional regulations

POTENTIAL ROUTES OF ENTRY: Oral, eye, and dermal.

CARCINOGENICITY:

OSHA: Not listed ACGIH: Not listed NTP: Not listed. IARC: Not listed

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

SYNONYM: MBI-306 EP

ACTIVE INGREDIENT:

Inactivated *Burkholderia rinojensis* strain A396 cells and spent fermentation media

EXPOSURE LIMITS: None Established

SAFETY DATA SHEET

<u>COMPONENT</u>	<u>CAS NUMBER</u>	<u>PERCENT BY WEIGHT (%)</u>
Inactivated <i>Burkholderia rinojensis</i> strain A396 cells and spent fermentation media	N/A	94.46
Other (inert and non-reactive ingredients)	Several (Not applicable)	5.54

SECTION 4: FIRST AID MEASURES

EYES: Hold eye open and rinse slowly and gently with water for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Do not use an eye ointment. Call poison control center or doctor for treatment advice.

SKIN: Remove contaminated clothing. Rinse skin immediately with plenty of water for at least 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 by a poison control center or physician. Do not give anything by mouth to an unconscious person.

INHALATION: Remove person to fresh air. If the 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.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, (% BY VOLUME)

UPPER: Not applicable.

LOWER: Not applicable.

FLASH POINT: Not applicable.

AUTOIGNITION TEMPERATURE: Not applicable. NFPA

HAZARD CLASSIFICATION

HEALTH: Unknown

FLAMMABILITY: 0

REACTIVITY: 0

HMIS HAZARD CLASSIFICATION

HEALTH: Unknown

FLAMMABILITY: 0

REACTIVITY: 0

EXTINGUISHING MEDIA: Use extinguishing media appropriate for the surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: None UNUSUAL

FIRE AND EXPLOSION HAZARDS: None HAZARDOUS

DECOMPOSITION PRODUCTS: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Wear suitable clothing such as eye protection, long-sleeved shirt, pants and shoes with socks. If spilled, contain - prevent run off into drains and waterways. Absorb liquid with an inert

SAFETY DATA SHEET

absorbent material. Seal absorbent material in a closed labeled container and dispose of in accordance with local ordinances.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store in the closed, original container in a well-ventilated area out of direct sunlight. Keep containers closed when not in use. Empty container completely and dispose of in accordance with all applicable federal, state and local environmental regulations.

OTHER PRECAUTIONS: No special precautions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Spill controls should be provided for working with large quantities.

VENTILATION: No TLV assigned. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors and aerosols below the exposure levels. Ensure that eyewash stations and safety showers are proximal to the work-station location.

RESPIRATORY PROTECTION: Use a dust/mist filtering respirator meeting NIOSH standard of at least N-95, R- 95 or P-95.

EYE PROTECTION: Safety goggles or glasses with side shields are advisable when handling this product.

SKIN PROTECTION: Wear gloves made of Latex or other impervious material.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Clothing to prevent prolonged skin contact as needed such as long-sleeved shirt, long pants and shoes with socks.

WORK HYGIENIC PRACTICES: Wash any contamination from skin or eyes immediately. Wash hands and exposed skin before eating, drinking, smoking, after work, or using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
COLOR:	pale yellow to seafoam
ODOR:	nutty sweet
pH:	3.5 to 7.0
DENSITY:	0.9 to 1.1 g/mL
SOLUBILITY IN WATER:	Miscible in water
BOILING POINT/RANGE:	Not determined
FREEZING/MELTING POINT:	Not determined
FLASH POINT:	Not determined
EVAPORATION RATE:	Not determined
FLAMMABILITY (SOLID. GAS):	Not determined
UPPER FLAMMABILITY LIMITS:	Not determined
LOWER FLAMABILITY LIMITS:	Not determined
VAPOR PRESSURE:	Not determined

SAFETY DATA SHEET

VAPOR DENSITY:	Not determined
RELATIVE DENSITY:	Not determined
SOLUBILITY IN OTHER SOLVENTS:	Not determined
PARTITION COEFFICIENT:	Not determined
AUTOIGNITION TEMPERATURE:	Not determined
DECOMPOSITION TEMPERATURE:	Not determined
KINEMATIC VISCOSITY:	Not determined
DYNAMIC VISCOSITY:	Not determined
EXPLOSIVE PROPERTIES:	Not determined
OXIDIZING PROPERTIES:	Not determined

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable.

INCOMPATIBILITY (MATERIAL TO AVOID): None known

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known

HAZARDOUS POLYMERIZATION: Not known to occur

CONDITIONS TO AVOID (POLYMERIZATION): None

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY LD ₅₀ :	>5000 mg/kg (rat). Not categorized
ACUTE DERMAL TOXICITY LD ₅₀ :	>5000 mg/kg (rat). Not categorized
ACUTE INHALATION LC ₅₀ :	>5.12 mg/L (rat). Not categorized
EYE IRRITATION:	Not categorized.
SKIN IRRITATION:	Category 3.
SKIN SENSITIZATION:	Not categorized.

SECTION 12: ECOLOGICAL INFORMATION

Avian Acute Oral Toxicity:	Not categorized (OCSPP 850.2100) Bobwhite Quail. LD ₅₀ > 2000 mg a.i./kg-bw.
Acute aquatic toxicity:	Category 3. (OECD 203) Rainbow trout (96-hour acute toxicity) LC ₅₀ > 100mg/L AI. (OECD 202) <i>Daphnia magna</i> (48-hour acute toxicity) EC ₅₀ = 37 mg/L. (OCSPP 850.4400) Lemna (7 day toxicity test) NOEC = 64mg/L
Bee's and beneficial insects:	(OECD 213) Honey Bee (Acute Oral) LD ₅₀ >100 µg a.i./bee (OECD 214) Honey Bee (48-hour contact) LD ₅₀ >100 µg a.i./bee (OECD 222) Earth Worm (Toxicity Test) LC ₅₀ >1000 mg/kg dry soil

SECTION 13: DISPOSAL CONSIDERATIONS

Do not reuse containers. Dispose of in accordance with all applicable federal, state, and local environmental regulations.

SECTION 14: TRANSPORTATION INFORMATION

U.S. DOT: Not regulated
IATA DGR: Not regulated

SAFETY DATA SHEET

IMDG: Not regulated

Freight Classification: Insecticide. See NMFTA code.

SECTION 15: REGULATORY INFORMATION**INTERNATIONAL REGULATIONS**

TSCA: Exempt

U.S. FEDERAL REGULATIONS

CERCLA: Not applicable.

SARA TITLE III HAZARD CLASSIFICATION SECTIONS 311 AND 312:

Immediate (acute) Health: None

Delayed (chronic) Health: None

Fire: None

Sudden Release of Pressure: None

Reactivity: None

SARA 313: Not determined

U.S. STATE REGULATIONS: None

US STATE RIGHT-TO-KNOW REGULATIONS: This material contains the following**New Jersey Right To Know Components**

1-hexanol CAS No. 111-27-3

Propylene glycol CAS No. 57-55-6

Pennsylvania Right To Know Components

1-hexanol CAS No. 111-27-3

Propylene glycol CAS No. 57-55-6

California Proposition 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION

SPECIAL HAZARDS: Not Determined

Date Issued: 11 March 2025

Revision Number: 1

DISCLAIMER: IN NO EVENT SHALL PROFARM GROUP INC. BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES. THE DATA PROVIDED IS FOR GENERAL INFORMATION ONLY AND IS NOT INTENDED AS A COMPREHENSIVE GUIDE CONCERNING HAZARDS THAT MAY BE ASSOCIATED WITH THIS PRODUCT. USER ASSUMES ALL RESPONSIBILITY FOR FOLLOWING PROPER SAFETY PROTOCOL AND CONSULTING TRAINED PERSONNEL FOR CONTROL AND CONTAINMENT.