Safety Data Sheet
Terro® Drain Insect Killer

SECTION 1: Identification

Product name Terro® Drain Insect Killer

Product number T590
Brand Terro®

Other means of identification
EPA Registration No. 53883-475-149

Supplier's details
Name Woodstream Corporation d.b.a. Senerot Chemical Company, Inc.
Address 29 E. King Street
Suite 201
Lancaster PA 17602
USA

FOR FIRE, SPILL, AND/OR LEAK EMERGENCIES CONTACT: CHEMTREC 1-800-424-9300
FOR MEDICAL EMERGENCIES AND HEALTH AND SAFETY INQUIRIES CONTACT: Safety Call 1-866-897-8050

SECTION 2: Hazard identification

General hazard statement **READ THE PESTICIDE LABEL. THE PRODUCT LABEL IS THE LEGAL, GOVERNING DOCUMENT FOR THIS PRODUCT**

EMERGENCY OVERVIEW: **Flammable Aerosol**, **Gases Under Pressure, Eye Irritant, Inhalation Hazard**

Signal word: **Warning**

Hazard Statement(s):

Acute Inhalation Category 4: Harmful if Inhaled

Eye Damage/Irritation Category 2A: Causes Serious Eye Irritation

Gases Under Pressure: Compressed Gas, Contains gas under pressure; may explode if heated

Flammable Aerosol, Category 2



Precautionary Statement(s):

Flammable Aerosol: ***Prevention*****:** Keep away from heat, sparks, open flames, hot surfaces, no smoking. Do not spray on an open flame or any ignition source. Pressurized container, do not pierce or burn, even after use. ***Storage:*** Protect from sunlight,do not expose to temperatures exceeding 122 degrees Fahrenheit / 50 degrees Celsius.

Gasses Under Pressure: ***Prevention:*** Protect from sunlight, store in a well ventilated area

Causes Serious Eye Irritation: ***Prevention:*** Wash hands thoroughly after using. Wear eye and face protection. ***Response:*** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so, continue rinsing. If irritation persists, consult a doctor.

Harmful if Inhaled: ***Prevention*****:** Avoid breathing contents. Use outdoors or in a well ventilated area. ***Response:*** If inhaled, remove person to fresh air. Call a Poison Center or Doctor if you feel unwell

Storage: See product label.

Disposal: See product label.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

1. (S)-Hydroprene
Concentration 0.36 - 0.36 % (weight)
CAS no. 65733-18-8

2. Novaluron
Concentration 0.02 - 0.02 % (weight)
CAS no. 116714-46-6

3. Pyriproxyfen
Concentration 0.02 - 0.02 % (weight)
CAS no. 95737-68-1

4. Propane
Concentration 1 - 6 % (weight)
CAS no. 74-98-6

5. N-BUTANE
Concentration 1 - 6 % (weight)
CAS no. 106-97-8

Trade secret statement (OSHA 1910.1200(i))
*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

If in eyes: Hold eye open and rinse slowly and gently with water for 15 to 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.

If on skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 1 5 to 20 minutes. Call a poison control center or doctor for treatment advice.

If inhaled: 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.

If ingested: 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 person.

Most important symptoms/effects, acute and delayed:
Moderate but temporary eye irritation.

SECTION 5: Fire-fighting measures

Pressurized dry foam

Propane and Butane gas: Carbon oxides

Suitable extinguishing media
Water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Unsuitable extinguishing media
Water jet as it may spread fire.

Specific hazards arising from the chemical
Hazardous Combustion Products:
Thermal decomposition may produce toxic carbon and nitrogen oxides.

Special Protective Equipment & Precautions
Evacuate area and fight fire upwind from a safe distance to avoid hazardous vapors and decomposition products. Foam and/or dry chemical are preferred to minimize environmental contamination. If water is used, dike and collect water to prevent run-off. Wear self-contained breathing apparatus and full fire-fighting turn-out gear (Bunker gear).

SECTION 6: Accidental release measures

Personal precautions
See Section 8 for personal protection equipment.

Environmental precautions
Keep spilled material and any rinsate from contaminating soil or from entering sewage and drainage systems and bodies of water.

Methods for containment:
Isolate the spill area. Keep unnecessary and unprotected personnel from entering. Absorb small spills with sand, vermiculite or other inert absorbent. Dike large spills using absorbent or impervious material such as clay or sand. Recover and contain as much free liquid as possible for reuse. Allow absorbed material to solidify and scrape up for disposal.

Methods for Clean-up:
Place contaminated material in appropriate container for disposal. After removal, flush contaminated area thoroughly with soap and water. Pick up wash liquid with additional absorbent and place in a disposable container. Do not put spilled material back in the original container.

Other Information:
None known

SECTION 7: Handling and storage

Precautions for safe handling

RECOMMENDATIONS ARE INTENDED FOR MANUFACTURING, PACKAGING AND COMMERCIAL BLENDING WORKERS. PESTICIDE APPLICATORS AND WORKERS must refer to the product label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard 40 CFR part 170. Handle and open container in a manner as to prevent spillage. Do not eat, drink or smoke while handling this product. Immediately wash off accidental splashes of the concentrate or spray mixture from skin, clothing and out of eyes.

Conditions for safe storage, including any incompatibilities
See pesticide label for full information on product storage. Do not contaminate water, food or feed by storage of this product. Store away from sources of heat, out of direct sunlight and away from incompatible materials. Pesticides should be stored in secured areas away from children and animals.

Storage Temperature (Min/Max):
Store at room temperature and avoid extreme temperatures.

Product Incompatibilities:
Strong oxidizing agents

SECTION 8: Exposure controls/personal protection

Users of a pesticide product must refer to the product label for personal protective equipment requirements.

Control parameters

1. Propane gas (CAS: 74-98-6)
PEL [Propane] (Inhalation): 1000 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

2. N-BUTANE (CAS: 106-97-8 EC: 203-448-7)

Appropriate engineering controls

Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs or other specified exposure limits. Local exhaust ventilation is preferred.

Respiratory protection
In areas of poor ventilation, use a NIOSH approved respirator with cartridges/canisters approved for pesticides.

Eye/face protection
Chemical goggles or safety glasses and full-face shield.

Protective Gloves:
Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile, neoprene rubber, polyvinyl chloride (PVC) or Viton.

Body protection
Long-sleeved shirt, long pants and shoes plus socks.

General Safety Measures:
Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately after handling this product. Wash outside of gloves before removing. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Dispenses as white foam
Odor	Not determined
Odor threshold	Not determined
pH (1% dispersion)	Not determined
Melting point/freezing point	Not determined
Initial boiling point and boiling range	Not determined
Flash point	Not applicable
Evaporation rate	Not determined
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	Not determined
Vapor pressure	Not determined
Vapor density	Not determined
Relative density (@24°C)	0.995 to 1.007
Solubility(ies)	Not determined
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	Not determined

Additional properties

Color	White

SECTION 10: Stability and reactivity

Reactivity
No hazardous chemical reactions known.

Chemical stability
Stable under normal storage and handling conditions.

Possibility of hazardous reactions
No potential for hazardous reactions known.

Conditions to avoid
Excessive heat, sources of ignition

Incompatible materials
Propane gas: Strong oxidizing agents

Hazardous decomposition products
Thermal decomposition may produce toxic carbon and nitrogen.

SECTION 11: Toxicological information

Acute toxicity

Likely Routes of Exposure:	Eye contact, Skin contact, Inhalation, Ingestion
Symptoms of Exposure:	Moderate but temporary eye irritation.

Skin corrosion/irritation

Not anticipated to cause skin irritation (Based upon similar composition)

Serious eye damage/irritation
Moderately irritating (rabbit) (Based upon similar composition)

Respiratory or skin sensitization
Non-sensitizer (guinea pig) (Based upon similar composition)

Germ cell mutagenicity
No data available

Carcinogenicity
No components listed

Reproductive toxicity
No data available

Aspiration hazard
Not anticipated to be an aspiration hazard.

Additional information
Oral LD50:
>5,000 mg/kg (rat) (Based upon similar composition)
Dermal LD50:
>5,000 mg/kg (rat) (Based upon similar composition)
Inhalation LC50:
>2.02 mg/L (4-hr) (rat) (Based upon similar composition)

SECTION 12: Ecological information

Toxicity

Environmental Hazards Statement from FIFRA Regulated Pesticide Label:
No applicable statement as product is intended for interior use only.

Persistence and degradability
No data available

Bioaccumulative potential
No data available

Mobility in soil
No data available

Ecotoxicity Data:

Fish Toxicity:
Pyriproxyfen: L. macrochirus: 96 hr LC50 >0.27 mg/L
Novaluron: L. macrochirus: 96 hr LC50 >960 ppb

Aquatic Invertebrate Toxicity:
Pyriproxyfen: Daphnia magna: 48 hr EC50 = 0.4 mg/L
Novaluron: Daphnia magna: 48 hr EC50 = 0.058 mg/L

Aquatic Plant Toxicity:
Pyriproxyfen: Selenastrum capricornutum: 72 hr EC50 = 0.15 mg/L

Avian Toxicity:
Pyriproxyfen: Bobwhite quail: Oral LD50 >1,906 mg/kg
Novaluron: Bobwhite quail: Oral LD50 >2,000 mg/kg

Honeybee Toxicity:
Pyriproxyfen: Oral LD50 >98.3 µg/bee
Novaluron: Oral LD50 >100 µg/bee

SECTION 13: Disposal considerations

Waste Disposal:
Refer to the pesticide label for full information on disposal. Pesticide wastes are toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of Federal law. If these wastes cannot be used 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 in proper disposal methods.

Container Disposal:
Refer to the pesticide label for full information on disposal. When possible, triple rinse the container and offer for recycling if available.

RCRA Characteristics:
It is the responsibility of the individual disposing of this product to determine the RCRA classification and hazard status of the waste.

SECTION 14: Transport information

DOT (Ground):	Aerosol, 2.1, UN1950
IATA (Air):	Aerosol, 2.1, UN1950
IMDG (Sea):	Aerosol, 2.1, UN1950

SECTION 15: Regulatory information

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

CAUTION
Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

TSCA Inventory:	This product is exempt from TSCA inventory listing requirements as it is solely for FIFRA regulated use.
SARA 302 Components:	None
SARA 311/312 Hazards:	Immediate (Acute)
SARA 313 Components:	None listed

CERCLA: None listed

California Prop. 65 Components: None listed

New Jersey Right To Know Components
Common name: PROPANE
CAS number: 74-98-6

Pennsylvania Right To Know Components
Chemical name: Propane
CAS number: 74-98-6

New Jersey Right To Know Components
Common name: BUTANE
CAS number: 106-97-8

Pennsylvania Right To Know Components
Chemical name: Butane
CAS number: 106-97-8

NFPA Rating

Health hazard	2
Fire hazard	1
Reactivity hazard	0
Special hazard	None

SECTION 16: Other information

Further information/disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Preparation information
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Revsion Date: 8/7/24

Revsion Notes: Updated to "Dry Foam". Updated Section 14.