Revision Number: 001.4 **Issue date:** 05/09/2018

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product identifier used on the label: Combat Max Ant Killing Gel Bait, EPA Reg. 64240-71

Recommended use of the chemical and restrictions on use: Crawling insects

Name, address and telephone number of the chemical manufacturer:
Combat Insect Control Systems
One Henkel Way
Rocky Hill, Connecticut 06067

Telephone: For medical emergencies 1-833-359-6299 For transportation CHEMTREC: 1-800-424-9300
Internet: www.henkel-northamerica.com

2. HAZARDS IDENTIFICATION

The hazards described in this Globally Harmonized System Safety Data Sheet (SDS) are not intended for consumers, and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.

Classification of the substance or mixture in accordance with paragraph (d) of §1910.1200

HAZARD CLASS	HAZARD CATEGORY
None	None

Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of §1910.1200

Signal word: Not prescribed
Hazard Statement(s):
Not prescribed

Symbol(s): None

Precautionary Statements:

Prevention: Not prescribed
Response: Not prescribed
Storage: Not prescribed
Disposal: Not prescribed

Hazards not otherwise classified: Not available.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The following chemicals are classified as health hazards in accordance with paragraph (d) of § 1910.1200.

Chemical Name*	CAS Number (Unique Identifier)	Concentration
Table sugar	Proprietary	10 - 30 %
Sugar	Proprietary	5 - 10 %
Preservative	Proprietary	0.1 - 1 %
Fipronil	120068-37-3	10,000 PPB

*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld because a trade secret is claimed in accordance with paragraph (i) of §1910.1200.

4. FIRST AID MEASURES

Description of necessary measures

Inhalation:	Remove from exposure area to fresh air. Treat symptomatically and supportively.
Skin contact:	Rinse affected area with mild soap and water until no evidence of product remains. Get medical attention if irritation persists.
Eye contact:	Rinse eyes immediately with plenty of water, occasionally lifting upper and lower lids, until no evidence of product remains. Get medical attention if pain or irritation develops.
Ingestion:	Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. Contact physician or local poison control center.

Most important symptoms and effects, both acute and delayed

After eye contact: May cause mild transient irritation After skin contact: Repeated or prolonged excessive exposure may cause irritation or dermatitis. After inhalation: Unlikely to occur due to the physical properties of the product. After ingestion: Ingestion may cause irritation of mouth, throat, digestive tract, diarrhea and vomiting.

Indication of any immediate medical attention and special treatment needed

After eye contact: Rinse eyes with plenty of water until no evidence of product remains. After skin contact: Rinse affected area with mild soap and water until no evidence of product remains. After inhalation: Remove from exposure area to fresh air. After ingestion: Administer immediately plenty of water. With ingestion of larger quantities (in adults one tablespoon) or in the case of discomfort or pain seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Dry chemical, carbon dioxide, water spray or regular foam.

Unsuitable extinguishing media: None known

Specific hazards arising from the chemical

Not available.

Special protective equipment and precautions for fire-fighters

In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit. Shut off all ignition sources Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Isolate area. Keep unnecessary personnel away. Avoid breathing vapors, keep upwind.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear skin, eye and respiratory protection as recommended in Section 8. Ventilate spill area if possible. Do not touch spilled material. Spills present a slipping hazard. Keep unnecessary personnel away. Make sure area is slip-free before re-opening to traffic.

Environmental precautions

Do not discharge into surface water/ground water.

Methods and materials for containment and cleaning up

SMALL SPILLS: Sweep or scoop up and place into containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Ventilate closed spaces before entering. Sweep or scoop up. Dispose in suitable waste container. Keep unnecessary people away from spill.

7. HANDLING AND STORAGE

Precautions for safe handling

Not available.

Conditions for safe storage, including any incompatibilities

Storage areas for large quantities (warehouse) should be well ventilated. Store in a cool, dry, ventilated area out of reach of children and away from sources of heat, moisture, and incompatible substances.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Saccharose	10 mg/m3 TWA	5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust.	None	None

Appropriate engineering controls

Provide local exhaust or general dilution ventilation to keep exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated.

Individual protection measures

Respiratory: Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the permissible exposure limits.

Eye: Safety glasses are required to prevent eye contact where dusty conditions may occur.

Hand/Body: Protective gloves are required where repeated or prolonged skin contact may occur. Protective clothing is required where repeated or prolonged skin contact may occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	gel yellow, light brown
Odor:	characteristic
Odor threshold:	Not available.
pH:	5.0 - 6.0
Melting point/ range:	Not available.
Boiling point/range:	Not available.
Flash point:	> 93 °C (> 199.4 °F)
Evaporation rate:	Not available.
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Vapor pressure:	Not available.
Vapor density:	Not available.
Solubility in water:	insoluble in water
Partition coefficient (n-octanol/water):	Not available.
Autoignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Not available.
VOC content:	Not available.

10. STABILITY AND REACTIVITY

Reactivity: This product may react with strong alkalies.

Chemical stability: Stable under normal ambient temperature (70°F, 21°C) and pressure (1 atm).

Possibility of hazardous reactions: Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

Conditions to avoid: Avoid storing in direct sunlight and avoid extremes of temperature.

Incompatible materials: Strong oxidizers and reducing agents.

Hazardous decomposition products: Thermal decomposition products may include oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure including symptoms related to characteristics

Inhalation: Unlikely to occur due to the physical properties of the product. Dust may cause mucous membrane irritation with coughing, dryness and sore throat.
Skin contact: Repeated or prolonged excessive exposure may cause irritation or dermatitis.
Eye contact: Mild eye irritation.
Ingestion: May cause mild gastrointestinal irritation with nausea, vomiting, diarrhea and abdominal pain.
Physical/Chemical: No physical/chemical hazards are anticipated for this product.

Other relevant toxicity information: This product is an insecticide. The use of this product by consumers is safe under normal and reasonable foreseen use.

Numerical measures of toxicity, including delayed and immediate effect

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Table sugar	Oral LD50 (RAT) = 29,700 mg/kg	Skin, Nuisance dust
Sugar	None	Irritant
Preservative	None	No Data
Fipronil	Oral LD50 (RAT) = 92 mg/kg Oral LD50 (RAT) = 103 mg/kg Dermal LD50 () = 445 mg/kg Dermal LD50 () = 354 mg/kg Dermal LD50 (RAT) = > 2,000 mg/kg Inhalation LC50 (, 4 h) = 0.68 mg/l	No Data

Carcinogenicity information

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Table sugar	No	No	No
Sugar	No	No	No
Preservative	No	No	No
Fipronil	No	No	No

Carcinogenicity None of the ingredients in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA).
Mutagenicity None of the ingredients in this product are known to cause mutagenicity.
Toxicity for reproduction None of the ingredients in this product are known as reproductive, fetal, or developmental hazards.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:

This product is anticipated to be safe for the environment at concentrations predicted in household settings under normal use conditions.

Toxicity to fish:

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Table sugar	LC50	> 700 mg/l	Fish	96 h	Brachydanio rerio (new name: Danio rerio)	not specified
Sugar	LC50	> 60,000 mg/l	Fish			DIN 38412-15
Preservative	LC50	66 mg/l	Fish	96 h	Lepomis macrochirus	OECD Guideline 203 (Fish, Acute Toxicity Test)
5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]-120068-37-3	LC50	0.25 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity to aquatic invertebrates:

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Preservative	EC50	25.8 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]-120068-37-3	EC50	0.19 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Toxicity to algae:

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Preservative	EC50	1.2 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]-120068-37-3	EC50	0.07 mg/l	Algae	96 h	Desmodesmus subspicatus (reported as Scenedesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)

Persistence and degradability

Hazardous substances CAS-No.	Result value	Route of application	Species	Method
Table sugar	readily biodegradable	aerobic	73 - 90 %	EU Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test)
Sugar	readily biodegradable	aerobic	100 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
Preservative	not readily biodegradable.	aerobic	51 %	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)

Bioaccumulative potential

The bioaccumulation potential of this product has not been determined.

Mobility in soil

The mobility of this product (in soil and water) has not been determined.

13. DISPOSAL CONSIDERATIONS

Description of waste residues:

Hazardous waste number: Not applicable

Safe handling and disposal methods:

Recommended method of disposal: Pesticide wastes may be acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law.

Disposal of uncleaned packages: Do not reuse this container. Never place unused product down any indoor or outdoor drain. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. TRANSPORT INFORMATION

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper shipping classification may vary by packaging, properties, and mode of transportation.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

15. REGULATORY INFORMATION

Occupational safety and health act: Hazard Communication Standard, 29 CFR 1910.1200(g) Appendix D: The Occupational Safety and Health Administration (OSHA) require that the Safety Data Sheets (SDSs) are readily accessible to employees for all hazardous chemicals in the workplace. Since the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers, this SDS may contain health hazard information not relevant to consumer use.

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act inventory.

TSCA 12 (b) Export Notification:

CERCLA/SARA Section 302 EHS: None above reporting de minimis.
CERCLA/SARA Section 311/312: Not available.
CERCLA/SARA Section 313: None above reporting de minimis.

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

FIFRA Regulated Products: This is a pesticide product registered by the US 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 (SDS), and for workplace labels of non-pesticide chemicals. Refer to the pesticide label for specific hazard information. The pesticide label also includes other important information, including directions for use. EPA Signal Word: CAUTION
EPA Precautionary Language: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

Canada Regulatory Information

CEPA DSL/NDSL Status: One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

16. OTHER INFORMATION

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation and its affiliates ("Henkel") does not assume responsibility for any results obtained by persons over whose methods Henkel has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Henkel's products. In light of the foregoing, Henkel specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel's products. Henkel further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

Prepared by: R&D Support Services

Issue date: 05/09/2018