

**MiteXstream™  
Concentrate****MITE  
XSTREAM™****SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** MiteXstream Concentrate

**Distributed By:** BLACK BIRD POTENTIALS INC.  
(a Wyoming corporation)  
3505 Yucca Drive, Suite 104  
Flower Mound, Texas 75028

**Product Description:** A liquid biopesticide for control of mites, mold, and mildew on agricultural crops and ornamental plants.

**Information Line:** 833-223-4204 — Monday – Friday, 8:00 a.m. – 6:00 p.m. Central Time

**Emergency Phone:** 833-223-4204 — Day or Night

**SECTION 2: HAZARDS IDENTIFICATION****Classification****GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Flammable liquids (Category 4), H227  
 Skin irritation (Category 2), H315  
 Serious eye damage (Category 1), H318  
 Skin sensitization (Category 1), H317  
 Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335  
 Short-term (acute) aquatic hazard (Category 3), H402

**GHS Label elements, including precautionary statements**

Pictogram



Signal Word

Danger

Hazard statement(s)

H227 Combustible liquid.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H318 Causes serious eye damage.  
 H335 May cause respiratory irritation.  
 H402 Harmful to aquatic life.

Precautionary statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
 P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
 P264 Wash skin thoroughly after handling.  
 P271 Use only outdoors or in a well-ventilated area.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

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## Precautionary statement(s) (cont.)

P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P321	Specific treatment (see supplemental first aid instructions on this label).
P333 + P313	If skin irritation or rash occurs: Get medical advice/ attention.
P362	Take off contaminated clothing and wash before reuse.
P370 + P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

**Hazards not otherwise classified (HNOC) or not covered by GHS - none**

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**SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS**


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<u>Component</u>	<u>Classification</u>	<u>Wt. %</u>
<b>Citronellol (95%)</b>		
CAS-No. 106-22-9	Flam. Liq. 4; Skin Irrit. 2; Skin Sens. 1; Aquatic Acute 2; Aquatic Chronic 2; H227, H315, H317, H401, H411	< 1%
<b>Geraniol (99%)</b>		
CAS-No. 106-24-1	Skin Irrit. 2; Eye Dam. 1; Skin Sens. 1; Aquatic Acute 3; H315, H318, H317, H402	< 1%
<b>Water</b>		
CAS-No. 7732-18-5		> 75%
The manufacturer claims one or more ingredients as trade secret.		

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**SECTION 4: FIRST-AID MEASURES**


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**First-Aid Measures****General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**

Wash off with soap and plenty of water. Consult a physician.

**MiteXstream™**  
**Concentrate****MITE**  
**XSTREAM™****In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If swallowed**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11

**Indication of any immediate medical attention and special treatment needed**

No data available

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**SECTION 5: FIRE-FIGHTING MEASURES**

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**Suitable Extinguishing Media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture**

Carbon oxides

**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**

Use water spray to cool unopened containers.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Methods and materials for containment and cleaning up**

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wetbrushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal.

**Reference to other sections**

For disposal see section 13.

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**SECTION 7: HANDLING AND STORAGE**

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**Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2.2.

**Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Storage class (TRGS 510): 10: Combustible liquids

**Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

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**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**Control parameters****Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

**Exposure controls****Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Personal protective equipment****Eye/face protection**

Tightly fitting safety goggles. Faceshield. Use equipment for eye protection tested/approved under appropriate government standards.

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

**Body Protection**

Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a fullface respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards.

**MiteXstream™  
Concentrate****MITE  
XSTREAM™****Control of environmental exposure**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

a) Appearance	Form: clear, liquid	Color: slightly yellow/golden
b) Odor	No data available	
c) Odor Threshold	No data available	
d) pH	No data available	
e) Melting point/freezing point	No data available	
f) Initial boiling point	231°C 448°C	
g) Flash point	No data available	
h) Evaporation rate	No data available	
i) Flammability (solid, gas)	No data available	
j) Upper/lower flammability or explosive limits	No data available	
k) Vapor pressure	No data available	
l) Vapor density	No data available	
m) Relative density	No data available	
n) Water solubility	Completely soluble	
o) Partition coefficient: n-octanol/water	No data available	
p) Auto-ignition temperature	No data available	
q) Decomposition temperature	No data available	
r) Viscosity	No data available	
s) Explosive properties	No data available	
t) Oxidizing properties	No data available	

**Other safety information**

No data available

**SECTION 10: STABILITY AND REACTIVITY****Reactivity**

No data available

**Chemical Stability**

Stable under recommended storage conditions

**MiteXstream™**  
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**XSTREAM™****Possibility of Hazardous Reactions**

No data available

**Conditions to Avoid**

Heat, flames and sparks

**Incompatible Materials**

Strong bases, strong oxidizing agents, strong acids, acid chlorides, acid anhydrides

**Hazardous Decomposition Products**

Hazardous decomposition products formed under fire conditions. - Carbon oxides

Other decomposition products - No data available

In the event of fire: see section 5

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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**Information on toxicological effects****Acute toxicity**

No data available

Inhalation: No data available

Dermal: No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**MiteXstream™**  
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No data available

**Aspiration hazard**

No data available

**Additional Information**

RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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**SECTION 12: ECOLOGICAL INFORMATION**

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**Toxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**Other adverse effects**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic life.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**Waste Treatment Methods****Product**

Contact a licensed professional waste disposal service to dispose of this material. This material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated Packaging**

Dispose of as unused product.

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NA-Number: 1993      Class: NONE      Packing group: III

Proper shipping name:      Non-Combustible Liquid

Reportable Quantity (RQ):

Poison Inhalation Hazard:      No

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

**SECTION 15: REGULATORY INFORMATION****SARA 302 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**

Fire Hazard, Acute Health Hazard

**Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components**

Citronellol (95%)	CAS-No. 106-22-9	Revision Date
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Geraniol (99%)	CAS-No. 106-24-1
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**New Jersey Right To Know Components**

Citronellol (95%)	CAS-No. 106-22-9	Revision Date
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Geraniol (99%)	CAS-No. 106-24-1
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**California Prop. 65 Components**

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



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**SECTION 16: OTHER INFORMATION**

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**Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Black Bird Potentials Inc. and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

**Version 1.0: Date: 02/01/2021**