

Section 1: PRODUCT AND COMPANY IDENTIFICATION

- 1.1. Product identifier**
Product name YARDGUARD CONCENTRATE
- 1.2. Other means of identification**
 None
- 1.3. Recommended use of the chemical and restrictions on use:**
Recommended Use Insect repellent
- 1.4. Details of the supplier of the safety data sheet**
Address A Brite Company
 3217 Wood Drive
 Garland, TX 75041
Phone number 1-888-8ABRITE
Website www.abrite.com
- 1.5. Emergency phone number**
Emergency telephone 1-800-424-9300 (CHEMTREC)

Section 2: HAZARDS IDENTIFICATION

- 2.1. Classification of the chemical in accordance with 29 CFR 1910 (OSHA HCS)**
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| Skin Irritant | Category 2 |
| Serious Eye Damage | Category 1 |
| Skin Sensitizer | Category 1 |
| Specific Target Organ Toxicity,
Single Exposure (Respiratory) | Category 3 |
| Chronic aquatic toxicity | Category 3 |

2.2. Label Elements

Pictogram
Signal Word Danger

Hazard Statements

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H335	May cause respiratory irritation
H412	Harmful to aquatic life with long lasting effects

Precautionary statements
Prevention

P261	Avoid breathing mist, vapor, or spray.
P264	Wash hands/skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.

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P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves and eye/face protection.

Response

P302+P352	If on skin: wash with plenty of soap and water.
P304+P340+P312	If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.
P321	Specific treatment (see section 4 of the SDS).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P305+P351+P338+P310	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

Storage

P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

Disposal

P501	Dispose of contents and container in accordance with local, regional, and national regulations.
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2.3. Hazards not otherwise classified

Product contains < 6% of a category 4 flammable substance, and <1% of a category 3 flammable substance.

2.4. Ingredient(s) with unknown acute toxicity

None

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Chemical name and concentration/concentration ranges

The specific chemical identity of this product is being withheld as a trade secret in accordance with OSHA 29 CFR 1910.1200(i).

3.2. Common name and synonyms

See 3.1

3.3. CAS number and other unique identifiers

See 3.1

3.4. Impurities/stabilizing additives

See 3.1

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	If necessary, move person into fresh air in a comfortable resting position. Consult a doctor if you feel unwell.
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Skin contact	Wash off with soap and plenty of water. Consult a doctor if irritation occurs.
Eye contact	Immediately rinse with water, including under the eyelids. Remove contact lenses, if present and easy to do so, and continue rinsing eyes at least 15 minutes. Consult a doctor.
Ingestion	Rinse mouth with water. Do not induce vomiting. Consult a doctor if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

See symptoms and effects in sections 2 and 11. May cause skin irritation or serious eye damage. May cause respiratory irritation.

4.3. Indication of immediate medical attention and special treatment, if necessary

Treat symptoms.

Section 5: FIRE FIGHTING MEASURES

5.1. Suitable/ unsuitable extinguishing media

Use extinguishing media suitable for surrounding fire. Suitable media include water spray, carbon dioxide, alcohol-resistant foam, and dry chemical. Heavy water stream is not recommended.

5.2. Specific hazards arising from chemical

Thermal decomposition may produce hazardous gases including sulfur oxides, carbon dioxide, carbon monoxide, and sodium oxides. If heated, container may rupture from gas generation. Cool container with water spray. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer, or drain.

5.3. Special protective equipment and precautions for fire-fighters

Fire fighters should wear self-contained breathing apparatus and protective clothing. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment, and emergency procedures

Use personal protective equipment (gloves, eye/face protection) to prevent eye and skin contact. Avoid breathing mist or spray. If working in a closed area or with poor ventilation, wear a respirator.

6.2. Methods and materials for containment and cleaning up

For small spills, flush to treatment system. For large spills, sweep up or soak up with an inert absorbent material and collect in suitable containers for disposal. Prevent from entering into soil, ditches, sewers, waterways, and/or groundwater. Observe local, state, and federal regulations.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with eyes and skin, and avoid breathing mist, vapor, or spray.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a cool, dry, and well-ventilated area. Store away from incompatible materials (see section 10). Avoid storage near heat, oxidizing agents, strong acids, and strong bases.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Contains no substances with occupational exposure limit values.

8.2. Appropriate engineering controls

Ensure ventilation is adequate. Keep containers tightly closed when not in use. If ventilation is inadequate, use a respirator.

8.3. Individual protection measures

Eye/face protection	Wear safety glasses/goggles.
Skin/body protection	Handle with chemical resistant gloves. Use appropriate glove removal technique, and wash and dry hands after use.
Respiratory protection	Normal room ventilation is usually adequate. Use NIOSH approved respiratory equipment if ventilation is inadequate or in the case of mist or spray.
General considerations	Always wash hands before smoking/eating/drinking or using the toilet. Wash contaminated clothing and other PPE before storage or reuse. Eyewash fountains and safety showers must be easily accessible and close to the workstation location.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Milky liquid
Odor	Wintergreen odor
Odor threshold	No applicable information is available
pH	3.0 – 3.5
Melting/freezing point	No applicable information is available
Boiling point/boiling range	≈ 100 °C
Flash point	No applicable information is available
Evaporation rate	No applicable information is available
Flammability (solid/gas)	No applicable information is available
Flammability limits	No applicable information is available
Vapor pressure	No applicable information is available
Vapor density	No applicable information is available
Relative density	1.00 – 1.05
Solubility(ies)	Miscible with water
Partition coefficient (n-octanol/water)	No applicable information is available
Auto-ignition temperature	No applicable information is available
Decomposition temp	No applicable information is available
Viscosity	No applicable information is available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

No applicable information is available

10.2. Chemical stability

Stable under recommended storage and use conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur. Possible reactions with incompatible materials.

10.4. Conditions to avoid

Avoid storage with incompatible materials.

10.5. Incompatible materials

Strong bases, strong oxidizing agents, strong acids

10.6. Hazardous decomposition products

Thermal decomposition may produce hazardous gases sulfur oxides, carbon dioxide, carbon monoxide, and sodium oxides. May release flammable gases.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on the likely routes of exposure and symptoms

No adverse health effects are expected if the product is handled in accordance with the SDS and the product label. Symptoms may occur if the product is mishandled and overexposure occurs. See section 4.

Inhalation Mist or spray may irritate the respiratory tract.

Ingestion May irritate mouth, throat, and stomach.

Skin May cause skin irritation.

Eye contact Causes serious eye damage.

11.2. Numerical measures of toxicity

Acute toxicity, Oral, ATE > 8000 mg/kg

11.3. Carcinogenicity

This product does not contain any components that are listed as known or suspected carcinogens by NTP, IARC, or OSHA.

Section 12: ECOLOGICAL INFORMATION

12.1. Ecotoxicity This product is classified as chronic aquatic toxicity, category 3 (harmful to aquatic life with long lasting effects), based on the additivity (~50 mg/L) GHS classification method.

12.2. Persistence/degradability No applicable information is available

12.3. Bioaccumulative potential No applicable information is available

12.4. Mobility in soil No applicable information is available

12.5. Other adverse effects No applicable information is available

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

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Empty containers or liners may retain some product residues. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Keep out of fish bearing waters. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Dispose of contaminated packaging and material wastes in accordance with all applicable federal, state, and local laws and regulations regarding health and pollution.

Section 14: TRANSPORT INFORMATION

UN number	Not regulated under 49 CFR 172.101.
UN proper shipping name	No applicable information is available
Transport hazard class(es)	No applicable information is available
Packing group, if applicable	No applicable information is available
Environmental hazards	No applicable information is available
Transport in bulk	No applicable information is available
Special precautions	No applicable information is available

Section 15: REGULATORY INFORMATION

15.1. Regulatory information

Product classified according to OSHA CFR 29 1910.1200. See section 2.

Toxic Substances Control Act (TSCA)

Chemical ingredients are on the TSCA inventory.

SARA Title III Section 302

No ingredients subject to reporting requirements

SARA Title III Section 313

No ingredients subject to reporting requirements

SARA Title III Section 311/312

Acute Health Hazard

Massachusetts/Pennsylvania/New Jersey Right to Know Components

Methyl salicylate (<7%),

California Prop. 65 Components

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

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None

Section 16: OTHER INFORMATION

NFPA/HMIS Hazard Codes (minimal = 0, slight = 1, moderate = 2, serious = 3, severe = 4)

Health: 1/1

Fire: 1/1

Reactivity: 0/0

Special: NA

Date Prepared 08/23/2016

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Disclaimer

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To the best of our knowledge, the information contained herein is accurate. However, neither A Brite Company nor any of its employees or subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet