

SAFETY DATA SHEET



Section 1: PRODUCT AND COMPANY IDENTIFICATION

- 1.1. Product identifier**
Product name EnviroBrite WTC-104
- 1.2. Other means of identification**
None
- 1.3. Recommended use of the chemical and restrictions on use:**
Recommended Use Waste water treatment
- 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)**
- | | |
|------------------------|-------------|
| Acute Toxicity, Oral | Category 4 |
| Skin Irritant | Category 2 |
| Eye Irritant | Category 2A |
| Acute aquatic toxicity | Category 3 |

2.2. Label Elements



Pictogram

Signal Word Warning

Hazard Statements

H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
H402	Harmful to aquatic life

Precautionary statements

Prevention

P264	Wash skin/hands thoroughly after handling
P270	Do not eat, drink, or smoke when using this product
P273	Avoid release to the environment
P280	Wear protective gloves/eye protection/face protection.

Response

P301 + P312	If swallowed: Call a poison center or physician if you feel unwell.
P330	Rinse mouth.
P312	Call a poison center or physician if you feel unwell.
P302 + P352	If on skin: Wash with plenty of soap and water.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash it before reuse.
P305 + P351 + P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P321	Specific treatment (see supplemental first aid instructions on the label).

Storage

None

Disposal

P501 Dispose of content/container in accordance with local/regional/national regulations.

2.3. Hazards not otherwise classified

None

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

Skin contact Wash off with soap and water. Remove contaminated clothing. Consult a physician if irritation occurs.

Eye contact Immediately rinse with water for 15 minutes. After 5 minutes remove contact lenses, if present and easy to do so, and continue rinsing. Consult a physician.

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

4.2. Most important symptoms/effects, acute and delayed

See symptoms and effects in sections 2.1, 2.2, and 4.1. Contact with skin may cause irritation. Inhalation of mist/spray may irritate respiratory tract. Direct eye contact may cause irritation, redness, and swelling. Prolonged exposure may cause conjunctivitis. Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

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

This material is not combustible; however, if this material is involved in a fire, use extinguishing media appropriate to surrounding fire conditions.

5.2. Specific hazards arising from chemical

This material is not combustible; however, hydrochloric acid (hydrogen chloride) fumes or chlorine gas may evolve if heated to decomposition. In a fire, this product may build up pressure and rupture a sealed container. Spray container with water to keep cool.

5.3. Special protective equipment and precautions for fire-fighters

Fire fighters should wear self-contained breathing apparatus and protective clothing.

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 vapor or mist. Wash contaminated clothing before reuse.

6.2. Methods and materials for containment and cleaning up

For small spills, flush to treatment system with large amounts of water. For large spills, dike to contain, pump into suitable containers, and keep out of fish bearing waters. To dispose of waste, dump to wastewater treatment system. May be slippery when spilled—use inert absorbent material to absorb and aid in collecting spill. Observe local, state, and federal regulations.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

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

7.2. Conditions for safe storage, including any incompatibilities

Keep container closed when not in use. Do not store in unlined metal containers. Product may slowly corrode iron, brass, copper, aluminum, and mild steel.

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 closed when not in use.

8.3. Individual protection measures

Eye/face protection	Wear safety glasses/goggles and/or face shield.
Skin/body protection	Handle with gloves. Use appropriate glove removal technique, and wash and dry hands after use.
Respiratory protection	Under most conditions, use adequate ventilation and protective equipment since volatility and toxicity are low. Use NIOSH approved respiratory equipment for dust and mist.
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.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Clear, colorless to yellow liquid
Odor	None
Odor threshold	No applicable information is available
pH	2-3
Melting/freezing point	No applicable information is available
Boiling point/boiling range	220 °F
Flash point	>200 °F
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	1.15-1.25
Solubility(ies)	Completely soluble in water (100%)
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 with normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur. Possible reactions with acids, alkali, hypochlorite

10.4. Conditions to avoid

Avoid storage with incompatible materials.

10.5. Incompatible materials

Alkalis, acids, hypochlorite.

10.6. Hazardous decomposition products

Hydrogen chloride, chlorine gas, and aluminum oxides.

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.

Inhalation	Breathing in mists or aerosols may produce respiratory irritation
Ingestion	Ingesting large amounts can result in nausea, vomiting, diarrhea, and gastrointestinal irritation.
Skin	Contact will result in skin irritation
Eye contact	Contact will result in eye irritation

11.2. Numerical measures of toxicity

Oral ATE = ~1360 mg/kg (rat, estimated from LD50's of components in mixture)

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. <u>Ecotoxicity</u>	Avoid contaminating waterways. Contains materials with acute aquatic toxicity, category 3.
12.2. <u>Persistence/degradability</u>	No applicable information is available
12.3. <u>Bioaccumulative potential</u>	No applicable information is available
12.4. <u>Mobility in soil</u>	No applicable information is available
12.5. <u>Other adverse effects</u>	No applicable information is available

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dump to wastewater treatment system. 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	This product is excepted from DOT regulations under 49 CFR 173.154(d) when shipped by road or railway. The product exception is referenced in 49 CFR 172.101. Packaging material must not be aluminum, steel, or degraded by this material.
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.

TSCA

Components found in 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

None/None/None

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.

RQ

None

Section 16: OTHER INFORMATION

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

Health: 1/1

Fire: 0/0

Reactivity: 0/0

Special: NA

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Disclaimer

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End of Safety Data Sheet