

Issue Date: 21-Aug-2020

Revision Date:

Version 1

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** EnviroGreen CarbX TB30

**Other means of identification**

ITEM# M-02905, M-02907, M-02903

**UN/ID No** UN 1760

**Recommended use of the chemical and restrictions on use**

Recommended Use

**Details of the supplier of the safety data sheet**

**Supplier Address**

Ashburn Chemical Technologies  
7403 Wright Rd  
Houston, TX 77041

**Emergency Telephone Number**

**Company Phone Number** 832-399-1000  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Classification**

Corrosive to metals	Category 1
Acute Toxicity	Category 1
Skin corrosion/irritation	Category 1C
Serious eye damage/eye irritation	Category 1
Reproductive toxicity	Category 1B

**Signal Word**

**DANGER**



**Hazard Statements**

H290 May be corrosive to metals  
H302 Harmful if swallowed  
H314 Causes severe skin burns and eye damage.  
H360 May damage fertility or the unborn child (route of exposure: oral)

**Precautionary Statements - Prevention**

P234 Keep only in original packaging.  
 P270 Do not eat, drink or smoke when using this product.  
 P260 Do not breathe dust or mist.  
 P264 Wash hands thoroughly after handling.  
 P280 Wear protective gloves, clothing and eye or face protection  
 P201 Obtain special instructions before use.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P281 Use personal protective equipment as required.

**Precautionary Statements – Response**

P390 Use personal protective equipment as required.  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P308 + P311 IF exposed or concerned: Call a POISON CENTER or doctor.  
 P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P363 Wash contaminated clothing before reuse.  
 P301 + P312 IF SWALLOWED: Immediately call a POISON CENTER/doctor if you feel unwell.  
 P330 + P331 Rinse mouth. Do NOT induce vomiting.  
 P304 + P340 +P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor.

**Precautionary Statements – Storage**

P406 Store in a corrosion-resistant containers such as fiberglass, polyethylene or containers with a resistant inner liner.  
 P405 Store locked up.

**Precautionary Statements – Storage**

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

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
water	7732-18-5	80-90
Organic Acid Salt	proprietary	<10
Proprietary ingredient 1	proprietary	<10
Proprietary ingredient 2	proprietary	<10
Proprietary ingredient 3	proprietary	2-4

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

**4. FIRST-AID MEASURES**

**First Aid Measures**

**Skin Contact** Wash contact areas with soap and water for at least 20 minutes. Remove contaminated clothing and lauder before reuse. If skin irritation occurs: Get medical advice/attention.

**Inhalation** Remove person to fresh air and keep comfortable for breathing Seek medical attention if irritation persists.

**Ingestion** Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small amounts of water to drink. Do not induce vomiting without medical advice. If vomiting occurs, the head should be kept low so that the vomit does not enter the lungs. Seek medical attention/advice if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as collar, tie, belt, or waistband.

**Eye contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention

**Most important symptoms and effects**

**Acute** Eyes: Causes serious eye damage  
 Skin: Causes severe skin burns  
 Inhalation: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.  
 Ingestion: Harmful if swallowed. Irritating to mouth, throat and stomach.  
 May damage fertility or the unborn child.

**Delayed/Over Exposure** Eyes: Pain or irritation, watering, redness  
 Skin: Pain or irritation, redness.  
 Inhalation: No known significant effects or critical hazards.  
 Ingestion: Harmful if swallowed. Irritating to mouth, throat and stomach.  
 May damage fertility or the unborn child.

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

**Notes to Physician** In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**5. FIRE-FIGHTING MEASURES**

**Suitable/ unsuitable Extinguishing Media** Use an extinguishing agent suitable for the surrounding fire.

**Specific Hazards Arising from the Chemical** Heating above 110°C results in an exothermic decomposition with release of CO<sub>2</sub> gas and potentially hydrofluoric acid.

**Hazardous Combustion Products** May include: carbon dioxide, carbon monoxide, nitrogen oxides, hydrofluoric acid, metalloid acid fluorides, hydrogen cyanide, hydrogen gas.

**Protective equipment / Precautions for firefighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions** No action shall be taken involving any personal risk or without suitable training.  
 Keep unnecessary and unprotected personnel from entering.  
 Do not touch or walk through spilled material.  
 Avoid breathing vapor or mist.  
 Provide adequate ventilation.  
 Wear appropriate respirator when ventilation is inadequate.  
 Put on appropriate personal protective equipment.

<b>For emergency responders</b>	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For emergency personnel"
<b>Environmental Precautions</b>	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air)
<b>Methods for Clean-Up</b>	Absorb or cover with dry earth, sand or other non-combustible material. Sweep up absorbed material and shovel into suitable containers for disposal. If the product contaminates rivers and lakes or drains inform respective authorities. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. See SECTION 13 for Waste Disposal See SECTION 1 for emergency contact information.

**7. HANDLING AND STORAGE**

**Advice on Safe Handling**

<b>Protective Measures</b>	Put on appropriate PPE (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
<b>Advice on general Occupational hygiene</b>	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also section 8 for additional information on hygiene measures.
<b>Conditions for safe storage, including any incompatibilities</b>	Store below 35°C (95°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental containment.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b><u>Control Parameters</u></b> <b>Occupational Exposure Limits</b>	None
<b><u>Engineering Controls</u></b>	General ventilation should be sufficient to control worker exposure to airborne Contaminants
<b><u>Environmental Controls</u></b>	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.
<b><u>Individual protection measures</u></b>	
<b>Hygiene Measures</b>	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

<b>Eye/face protection</b>	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gasses, or dusts. If contact is possible, the following should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
<b>Skin Protection</b>	
<b>Hand Protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties.
<b>Body Protection</b>	Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking.
<b>General Hygiene Considerations</b>	Remove contaminated clothing and lauder before reuse

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Mild
<b>Appearance</b>	Clear to hazy	<b>Odor Threshold</b>	undetermined
<b>Color</b>	Colorless		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>Melting Point</b>	Not determined		
<b>Boiling Point</b>	Not determined		
<b>Freezing Point</b>	Not determined		
<b>Flammability</b>	Not Flammable		
<b>Flash Point</b>	N/A		
<b>Auto-ignition Temperature</b>	Not determined		
<b>Upper / Lower Flammability Limit</b>	Not determined		
<b>Vapor Pressure (mm Hg)</b>	Not determined		
<b>Vapor Density</b>	Not determined		
<b>Evaporation Rate</b>	< 1	(butyl acetate = 1)	
<b>Specific Gravity</b>	1.03	@ 77°F / 25°C	
<b>pH</b>	< 1		
<b>Solids</b>	Not determined		
<b>Water Solubility</b>	100 %		
<b>Solubility in other solvents</b>	Not determined		
<b>Partition Coefficient</b>	Not determined	n-Octanol/Water (K <sub>ow</sub> )	
<b>Volatility Including Water</b>	Not determined		
<b>VOC Content (%)</b>	Not determined		
<b>Viscosity</b>	Not determined		
<b>Explosive Properties</b>	Not determined		

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	No specific test data related to reactivity available for this product or its ingredients
<b>Chemical Stability</b>	This product is stable up to 95°C (203°F)
<b>Possibility of Hazardous Reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to Avoid</b>	Temperatures greater than 110°F and source of ignition, this will result in an exothermic decomposition with rapid release of CO <sub>2</sub> gas and potentially hydrofluoric acid.
<b>Incompatible Materials</b>	Reactive or incompatible with: oxidizing materials, aluminum and zinc. This material may be extremely hazardous in contact with chlorates and nitrates. Contact with hypochlorites will liberate toxic gases. Contact with alkaline materials will generate heat and may produce noxious gas. Do not mix directly with dehydrating agents such as acetic anhydride or concentrated sulfuric acid.

**Hazardous Decomposition Products** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**11. TOXICOLOGICAL INFORMATION**

<b><u>Chemical Information</u></b>	<b>APW</b> LD50 (Oral, Rat) 798.1 mg/kg
<b><u>Irritation/Corrosion</u></b>	Corrosive to the skin (OECD 404)
<b><u>Sensitization</u></b>	There is no data available
<b><u>Carcinogenicity</u></b>	<b>OSHA:</b> No <b>ACGIH:</b> No <b>NTP:</b> No <b>IARC:</b> No <b>OTHER:</b> N/A
<b><u>Specific Target Organ Toxicity (single exposure)</u></b>	There is no data available
<b><u>Specific Target Organ Toxicity (repeated exposure)</u></b>	There is no data available
<b><u>Aspiration Hazard</u></b>	There is no data available
<b><u>Information on the likely routes of exposure</u></b>	Dermal contact, eye contact, inhalation, ingestion
<b><u>Acute Health Hazard</u></b>	
<b>Eye Contact</b>	Causes serious eye damage
<b>Inhalation</b>	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
<b>Skin</b>	Causes severe skin burns
<b>Ingestion</b>	Harmful if swallowed. Irritating to mouth, throat and stomach. May damage fertility or the unborn child.
<b><u>Symptoms related to the physical, chemical and toxicological characteristics</u></b>	
<b>Eye Contact</b>	Pain or irritation, watering, redness
<b>Inhalation</b>	No known significant effects or critical hazards
<b>Skin Contact</b>	Pain or irritation, redness
<b>Ingestion</b>	Harmful if swallowed. Irritating to mouth, throat and stomach. May damage fertility to the unborn child.
<b><u>Delayed and immediate effects and also chronic effects from short and long term exposure</u></b>	
<b><u>Short term exposure</u></b>	
<b>Potential immediate effects</b>	No known significant effects or critical hazards
<b>Potential delayed effects</b>	No known significant effects or critical hazards
<b><u>Long term exposure</u></b>	
<b>Potential immediate effects</b>	No known significant effects or critical hazards
<b>Potential delayed effects</b>	No known significant effects or critical hazards
<b><u>Potential chronic health effects</u></b>	
<b>General</b>	No known significant effects or critical hazards
<b>Carcinogenicity</b>	No known significant effects or critical hazards
<b>Mutagenicity</b>	No known significant effects or critical hazards
<b>Teratogenicity</b>	No known significant effects or critical hazards
<b>Developmental effects</b>	No known significant effects or critical hazards
<b>Fertility effects</b>	No known significant effects or critical hazards
<b><u>Numerical measures of toxicity</u></b>	
<b><u>Acute toxicity estimates</u></b>	There is no data available

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity** No data available

**Persistence/Degradability** No data available.

**Bioaccumulation** No data available.

**Mobility** No data available

**Other adverse effects** No data available

**13. DISPOSAL CONSIDERATIONS**

**Disposal of Wastes** Dispose of in accordance with federal, state, and local regulations. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Waste packaging should be recycled. Care should be taken when handling empty containers that have not been cleaned or rinsed out.

**14. TRANSPORT INFORMATION**

**DOT**  
**UN/ID No** UN1760  
**Proper Shipping Name** Corrosive liquid N.O.S (acid salts)  
**Hazard Class / Division** 8  
**Packing group** III

**IATA**  
**UN/ID No** UN1760  
**Proper Shipping Name** Corrosive liquid N.O.S (acid salts)  
**Hazard Class / Division** 8  
**Packing group** III

**IMDG**  
**UN/ID No** UN1760  
**Proper Shipping Name** Corrosive liquid N.O.S (acid salts)  
**Hazard Class / Division** 8  
**Packing group** III

**Environmental Hazard Water** No

**15. REGULATORY INFORMATION**

**International Regulations** At least one component is not listed or exempted.

**US Regulations**

**TSCA STATUS** All components are listed or exempt.

**Clean Air Act Section 112** Not listed

**(b) Hazardous Air Pollutants (HAPS**

**Clean Air Act Section 602** Not listed

**Class I Substances**

**Clean Air Act Section 602** Not listed

**Class II Substances**

**DEA list I chemicals** Not listed

(Precursor chemicals)

**DEA list II chemicals** Not listed

(Precursor chemicals)

**SARA 302/304**


**Composition/information on Ingredients**

Not listed

**SARA 311/312**

**Classification**

See Section 2 for information

**California Proposition 65**  **WARNING!** : This product can expose you to formaldehyde (CAS # 50-00-0) which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b> 3	<b>Flammability</b> 0	<b>Instability</b> 1	<b>Special Hazards</b> none
<b><u>HMIS</u></b>	<b>Health Hazards</b> 3	<b>Flammability</b> 0	<b>Physical Hazards</b> 1	<b>Personal Protection</b> determined by end user

**Issue Date:** 21-Aug-2020  
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**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.

**End of Safety Data Sheet**