



BT 5400 Carb (AFCO 18040)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision Date: 04/24/2026

Version: 1.0

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture
Product Name: BT 5400 Carb
Product Code: AFCO 18040

Intended Use of the Product

Use of the Substance/Mixture: Wastewater treatment supplement. For professional use only.

Product Dilution Information:

Name, Address, and Telephone of the Responsible Party

Company

AFCO
800 Development Avenue
Chambersburg, PA 17201
T: 800-345-1329

www.afcocare.com

Emergency Telephone Number

Emergency Number : 1-800-424-9300 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US) : Not classified under GHS.

Label Elements

GHS-US Labeling : No labeling required.
Signal Word (GHS-US) : None.
Hazard Statements (GHS-US) : Not a hazardous substance or mixture.
Precautionary Statements (GHS-US) : P102 - Keep out of reach of children.
P233 - Keep container tightly closed.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

Other Hazards

Other Hazards Not Contributing to the Classification: None known.

Unknown Acute Toxicity (GHS-US): Not available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances: Not available, product is a mixture.

Mixture:

Name	Product identifier	% (w/w)
Water	(CAS No) 7732-18-5	6 – 14
Glycerin	(CAS No) 56-81-5	75 – 90
Sodium chloride	(CAS No) 7647-14-5	4 – 9.9
Soya fatty acids	(CAS No) 68308-53-2	<= 1
Methyl alcohol	(CAS No) 67-56-1	<= 0.1

Exact percentage composition of substances and/or ingredients may be withheld as a trade secret, in accordance with [29 CFR § 1910.1200 App E].

Full text of H-phrases: see section 16.

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: If inhaled, remove from area to fresh air. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical attention. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

BT 5400 Carb (AFCO 18040)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Skin Contact: In case of contact, remove contaminated clothing and shoes. Wash contact areas thoroughly with soap and water. Do not allow material to contact open wounds. If such contact occurs, wash with soap and water and apply a superficial disinfectant. Launder contaminated clothing before reuse. If irritation develops and persists, seek medical attention.

Eye Contact: In case of contact, do not rub eyes. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. If irritation develops and persists, seek medical attention.

Ingestion: If ingested, remove material from mouth and rinse with water. If victim is conscious and alert, give water or milk to dilute. Do not induce vomiting, unless directed by medical personnel. If gastric distress develops, seek medical attention.

Most Important Symptoms and Effects Both Acute and Delayed

Exposure may cause acute irritation of the respiratory tract, eyes, and skin, with symptoms including dizziness, nausea, breathing difficulty, or gastrointestinal discomfort, and prolonged or repeated exposure may result in persistent eye, skin, or respiratory irritation, particularly if decontamination is delayed or exposure is severe.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide, alcohol resistant foams, dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: During a fire, smoke may contain the original material in addition to combustion products of varying composition, which may be toxic and/or irritating. May release formaldehyde upon decomposition. Formaldehyde is a potential carcinogen and can act as a potential skin and respiratory sensitizer. Formaldehyde may cause respiratory and eye irritation.

Other information: Do not allow run-off from fire fighting to enter drains or water courses.

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Do not swallow. Avoid breathing vapors, mists, or dust. Do not eat, drink, or smoke in work area. Wash thoroughly after handling.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Spill should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Notify authorities if liquid enters sewers or public waters.

Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

BT 5400 Carb (AFCO 18040)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Do not swallow. Wash thoroughly after handling.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in a cool, well ventilated area, dry location away from direct sunlight, open flames, hot surfaces and sources of ignition. Do not freeze. Keep away from extreme temperatures and incompatible materials. Keep containers tightly closed. Do not store in unlabeled or mislabeled containers.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

Specific End Use(s): Wastewater treatment. For professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

No Occupational Exposure Limits (OELs) have been established for this product as a mixture; however, OELs exist for certain individual components (e.g., methyl alcohol, glycerin mist, and sodium chloride particulates).

Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined areas. Avoid creating dust or mist.

Personal Protective Equipment: Protective goggles. Facemask/Faceshield with Protective goggles/glasses. Protective clothing & boots. Gloves. In case of confined spaces or high levels encountered in the air, wear self contained breathing apparatus.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Wear chemical safety goggles while handling this product. Wear additional eye protection such as a face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material.

Skin and Body Protection: Prevent contact with this product. Wear protective clothing depending on the condition of use.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

Other Information: When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice. Wash with soap and water before meal times and at the end of each work shift.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	: Liquid.
Appearance	: Clear, colorless to brown.
Odor	: Musty.
Odor Threshold	: Not determined.
pH	: 5.5 – 7.5
Relative Evaporation Rate (butylacetate=1)	: Not determined.
Melting Point	: 0 – 20°C
Freezing Point	: Not determined.
Boiling Point	: 290°C at 1 atm
Flash Point	: 160°C
Auto-ignition Temperature	: Not determined.
Decomposition Temperature	: 280°C

BT 5400 Carb (AFCO 18040)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Flammability (solid, gas)	: Not determined.
Lower Flammable Limit	: Not determined.
Upper Flammable Limit	: Not determined.
Vapor Pressure	: Not determined.
Relative Vapor Density at 20°C	: Not determined.
Specific Gravity	: 1.26 @ 20°C
Solubility	: Dispersible.
Partition coefficient: n-octanol/water	: Not determined.
Viscosity	: 21 cP at 40°C
Explosion Data – Sensitivity to Mechanical Impact	: Not determined.
Explosion Data – Sensitivity to Static Discharge	: Not determined.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No data available.

Chemical Stability: Stable under recommended conditions of use and storage.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur under normal conditions.

Conditions to Avoid: Avoid elevated temperatures. Keep away from open flames, hot surfaces and sources of ignition. Do not freeze.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

Hazardous Decomposition Products: Carbon oxides (CO, CO₂). Toxic acrolein. Formaldehyde. Formaldehyde is a potential carcinogen and can act as a potential skin and respiratory sensitizer. Formaldehyde may cause respiratory and eye irritation.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: No data available.

LD50 and LC50 Data: No data available.

Skin Corrosion/Irritation: May cause mild irritation.

Serious Eye Damage/Irritation: May cause mild irritation.

Respiratory or Skin Sensitization: No data available.

Germ Cell Mutagenicity: No data available.

Teratogenicity: No data available.

Carcinogenicity: No data available.

Specific Target Organ Toxicity (Repeated Exposure): No data available.

Reproductive Toxicity: No data available.

Specific Target Organ Toxicity (Single Exposure): No data available.

Aspiration Hazard: Not classified.

Symptoms/Injuries After Inhalation: May cause mild irritation. Vapor from heated material or mist may cause respiratory irritation. Excessive amounts of mist may irritate respiratory tract.

Symptoms/Injuries After Skin Contact: Contact with heated material may cause thermal burns. Prolonged, repeated, or excessive contact may cause: mild irritation.

Symptoms/Injuries After Eye Contact: May cause slight, temporary irritation.

Symptoms/Injuries After Ingestion: May cause mild irritation. Overexposure may cause gastrointestinal disturbances.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Component	Oral LD50	Dermal LD50	Inhalation LC50
Glycerin	Rat 23000 mg/kg	Rabbit > 10 g/kg	1H Rat 570 mg/m
Sodium chloride	Rat 3 g/kg	No Data	> 42 g/m3
Methyl alcohol	No Data	No Data	8H Rat 22500 ppm

BT 5400 Carb (AFCO 18040)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 12: ECOLOGICAL INFORMATION

Toxicity Not available.

Glycerin (56-81-5)	
LC50 Fish 1	67,500.00 mg/l (Exposure time: 96 h – Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	10,000.00 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

Persistence and Degradability

BT 5400 Carb (AFCO 18040)	
Persistence and Degradability	No data available.

Bioaccumulative Potential

BT 5400 Carb (AFCO 18040)	
Bioaccumulative Potential	Not measured.

Mobility in Soil No data available.

Results of PBT and vPvB assessment: This product contains no PBT/vPvB chemicals.

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of in accordance with all local, state and federal regulations. Since emptied containers retain product residue, follow label warnings even after container is emptied. DO NOT pressurize, cut, weld, solder, drill, grind or expose empty containers to heat, flame, sparks or other sources of ignition. Do NOT dump into any sewers, on the ground, or into any body of water.

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT	:	Not regulated for transport.
14.2 In Accordance with IMDG	:	Not regulated for transport.
14.3 In Accordance with IATA	:	Not regulated for transport.
14.4 In Accordance with TDG	:	Not regulated for transport.

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

BT 5400 Carb (AFCO 18040)	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard.
All components of this product are listed on the TSCA Inventory or are exempt from TSCA Inventory requirements.	

US State Regulations

Hydrogen peroxide (7722-84-1)	
U.S. - California - Proposition 65	WARNING: May Contain the Following Trace Components: Propylene Oxide, Ethylene Oxide, Acetaldehyde, 1,4-Dioxane, Formaldehyde.

Canadian Regulations

All components of this product are either listed on the inventory or are exempt from listing.

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all of the information required by those regulations.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date	:	04/24/2026
Other Information	:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

BT 5400 Carb (AFCO 18040)

Safety Data Sheet

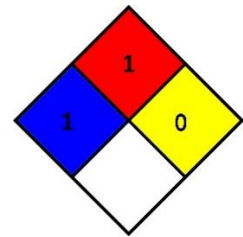
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

GHS Full Text Phrases : None.

NFPA Health Hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA Fire Hazard : 1 - Must be preheated before ignition can occur.

NFPA Reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible.

Flammability : 1 - Slight Hazard.

Physical : 0 - Minimal Hazard.

Party Responsible for the Preparation of This Document

AFCO
800 Development Avenue
Chambersburg, PA 17201
T: 800-345-1329

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

North America GHS SDS 2015 (U.S., Can., Mex.)