

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION						
NFPA Rating: Health-2; Flammability-0; Reactivity-1; Special- -			SAF-T-DATA Rating: Health-1; Flammability-1; Reactivity-1; Contact Rating: 2 Lab Protective Equip: GOGGLES; LAB COAT; PROPER GLOVES Storage Code: Green (General Storage)			
Manufacturer's Name:		ETEC, LLC		DOT Hazard Classification: None		
Address:		6635 NE 59 th Place Portland, OR 97218		TRADE NAME: CarBstrate		
Date Prepared: 03/02/07		Prepared By: BT		MSDS Number: Version - 1		
Information Calls:		(971) 222-3616		NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA		
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater) PROPRIETARY		ACS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
			No	N/E	N/E	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point:		NA		Specific Gravity (H2O=1): 1.00		
Vapor Pressure: PSIG @ 70 F (Aerosols):		None found		Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): None found		
Vapor Density (Air = 1):		None found		Evaporation Rate (BUAC = 1): None found		
Solubility in Water:		Complete		Water Reactive: No		
Appearance and Odor:		White to yellow crystals.				
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
FLAMMABILITY as per USA flame projection test (aerosols): N/A		Auto Ignition Temperature: N/E		Flammability Limits in Air by % in Volume:		
FLASH POINT AND METHOD USED 115 F (T.C.C.)				% LEL: N/E % UEL: N/E		
EXTINGUISHER MEDIA: Use any means suitable for extinguishing surrounding fire.		SPECIAL FIRE FIGHTING PROCEDURES: Use protective clothing and breathing equipment appropriate for the surrounding fire.				
Unusual Fire & Explosion Hazards: Not considered to be a fire or explosion hazard.						
SECTION 4 - REACTIVITY HAZARD DATA						
STABILITY: [X] STABLE [] UNSTABLE		HAZARDOUS POLYMERIZATION: [] WILL [X] WILL NOT OCCUR				
Incompatibility (Mat. to avoid): Strong oxidizing agents.		Conditions to Avoid: None Identified				
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, NH ₃ , SO _x , PO _x , or CN may form when heated to decomposition.						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: [X] INHALATION [] INGESTION [X] SKIN ABSORPTION [X] EYE [] NOT HAZARDOUS						
ACUTE EFFECTS: None						
Inhalation:		Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath				
Eye Contact:		Causes irritation, redness, and pain		Skin Contact: Causes irritation to skin. Symptoms include redness, itching, and pain		
Ingestion:		Causes irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting, and diarrhea				
CHRONIC EFFECTS: None known.						
Medical Conditions Generally Aggravated by Exposure:		Asthma				
SECTION 6 - EMERGENCY FIRST AID PROCEDURES						
Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention.						
Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes.						
Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.						
Ingestion: Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.						
SECTION 7 - CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type):		Approved dust respirator when necessary.				
Protective Gloves:		Solvent resistant		Eye Protection: Safety glasses.		
Ventilation Requirements:		Adequate ventilation.				
Other Protective Clothing & Equipment: Normal clean work clothing.						
Hygienic Work Practices: Wash with soap and water after contact.						
SECTION 8 - PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps To Be Taken If Material Is Spilled Or Released: Shovel spilled material into containers. Do not flush to surface water.						
Waste Disposal Methods: Dispose through a licensed waste disposal company. Dispose of in accordance with local, state and federal regulations.						
Precautions To Be Taken In Handling & Storage: Store away from incompatible material or sources of heat and ignition.						
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN.						

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only