

**Material Safety Data Sheet**  
**HORIZON – BTC**  
(Bacteria Treating Compound)

**Product Name:                   HORIZON – BTC**  
(Bacteria Treating Compound)

HMIS HEALTH.....3  
HMIS FLAMMABILITY.....2  
HMIS REACTIVITY.....0  
HMIS PROTECTION.....B

**SECTION I – IDENTIFICATION**

COMPANY NAME:.....Tetraco, LLC.  
  P.O. Box 2728  
  Midland, TX. 79702  
COMPANY PHONE:.....(432)683-3399  
EMERGENCY NUMBER.....(432)683-3399  
EFFECTIVE DATE.....SEPTEMBER 2010  
CHEMICAL FAMILY.....General Purpose  
CAS NUMBER.....Proprietary

**SECTION II – HAZARDOUS INGREDIENTS**

HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER	TLV
Methyl Alcohol	Conf.	67-56-1	OSHA TWA 200PPM PEL ACGIH TWA 200PPM ACGIH STEL 250 PPM
Formaldehyde	Conf.	50-00-0	ACGIH TLV 0.3PPM, OSHA PEL 0.75PPM,TWA 2PPM(25mg/m3) 15min. STEL

**SECTION III – PHYSICAL DATA**

APPEARANCE.....Clear colorless liquid  
BOILING POINT..... 760 mm Hg approx. 100 C.  
FREEZING POINT.....ND  
VAPOR PRESSURE.....@ 25 C. approx. 40mm Hg @ 39 C.

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SPECIFIC GRAVITY.....1.084 – 1.087  
Ph.....3.0 to 4.5  
SOLUBILITY IN WATER.....Infinite

SECTION IV – FIRE AND EXPLOSION DATA

FLASHPOINT.....144 DEGR. F.  
EXTINGUISHING MEDIA....."ALCOHOL FOAM", DRY POWDER  
CARBON DIOXIDE (CO2).  
UNUSUAL FIRE HAZARD.....None

SECTION V – REACTIVITY DATA

STABILITY.....Normally stable, but may further react at  
high temperatures to form methanol, formic  
acid or methylals.  
INCOMPATIBILITY.....Oxidizing Materials.  
DECOMPOSITION PRODUCTS.....From fire: Smoke, Carbon Dioxide, Carbon  
Monoxide.  
HAZARDOUS POLYMERIZATION...Will not occur.

SECTION VI – HEALTH DATA

EYES.....Chemical goggles  
SKIN(DERMAL).....Irritant  
OVEREXPOSURE EFFECTS...Skin irritation develops slowly after contact. Eye  
irritation develops immediately upon contact.  
Overexposure: Irritation of Respiratory Tract,  
Nervous System Depression, Headaches, Dizziness,  
Staggering Gait, Confusion, Unconsciousness,  
Coma.  
FIRST AID PROCEDURES.....In case of eye contact, flush immediately with

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plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention. If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person.

**SECTION VII – EMPLOYEE PROTECTION**

RESPIRATORY PROTECTION...NOISH approved Organic Vapor Mask recommended if TLV is exceeded.  
VENTILATION.....Desired in closed places  
MECHANICAL EXHAUST.....Desired  
LOCAL EXHAUST.....Desired in closed places.  
PROTECTIVE GLOVES.....Chemical type suitable for alcohol solvents.  
EYE PROTECTION.....Chemical goggles or full face shield recommended.  
PROTECTIVE EQUIPMENT.....HMIS Personal Protection: B: Safety glasses and gloves.

**SECTION VIII – SPILL AND DISPOSAL DATA**

FOR SPILL.....In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations.  
WASTE DISPOSAL.....Hazardous waste. EPA approved hazardous waste disposal site. Follow applicable local, state and federal regulations.

**SECTION IX – TRANSPORTATION DATA**

PROPER SHIPPING NAME.....Formaldehyde, Solutions, 8, UN2209, PG III, Guide 132.

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HAZARD CLASS AND LABEL...Corrosive  
UN NUMBER.....2203  
REPORTABLE QUANTITY.....20,000 pounds based on Methanol

SECTION X – SARA TITLE III, SECTION 313

TOXIC CHEMICALS	PERCENT	PROD CAS NUMBER
Methyl Alcohol	11	67-56-1
Formaldehyde	37	50-00-0

SECTION XI – ENVIRONMENTAL DATA

CLEAN WATER ACT.....CWA SECTION 311  
SDWA OF 1986  
SDWA (52 FR25690, JULY 8, 1987)  
CLEAN AIR ACT.....CAA SECTION 111  
EPA HAZARD.....ACUTE, CHRONIC, FIRE  
CERCLA RQ VALUE.....Methanol – 5000#/percentage in formula  
SARA TPQ.....NONE  
SARA RQ.....5000 pounds based on Methanol  
RCRA HAZARDOUS WASTE...U154 - Methanol