

STATE OF
COLORADO

received 08/01/2014
API 071-09862
products used downhole subsequent to completion
Projects 2092 and 2130
DOC 2141659

FW: Product identification and/or MSDS for products used down hole at the WD Federal 14-7 R

1 message

Holland, Dave <Dave.Holland@pxd.com>
To: "Peter Gintautas (peter.gintautas@state.co.us)" <peter.gintautas@state.co.us>

Fri, Aug 1, 2014 at 11:43 AM

Peter,

Please see Steve's response below. Let me know if you have any questions or feel free to ask Steve.

Dave

From: Schreck, Stephen
Sent: Friday, August 01, 2014 9:27 AM
To: Holland, Dave
Subject: RE: Product identification and/or MSDS for products used down hole at the WD Federal 14-7 R

Since October of 2012 Biotech has been the only well treatment vendor used in the Raton basin. Biotech does batch treatment on wells monthly and also treats produced water used to kill (flood) wells during work-over or recompletion. Biotech uses facultative anaerobic bacterium to control for scale, corrosion and paraffin in wells. Their products are not chemicals but they do provide an MSDS anyway. Additional information on Biotech can be found at <http://www.biotechinc.org/>

The WD Federal 14-7 R has been treated by Biotech since January of 2013.

in phone conversation with Steve Schreck of Pioneer, he stated that no other products had been used downhole in the WD Federal well after completion in October 2011 and prior to use of the Biotech products was started in 2013.

Methanol is also used on occasion in the basin to prevent surface freezes. Methanol is not used down hole.

From: Holland, Dave
Sent: Friday, August 01, 2014 8:51 AM
To: Schreck, Stephen
Subject: FW: Product identification and/or MSDS for products used down hole at the WD Federal 14-7 R

From: Gintautas - DNR, Peter [<mailto:peter.gintautas@state.co.us>]
Sent: Tuesday, July 22, 2014 3:03 PM
To: Holland, Dave
Subject: Product identification and/or MSDS for products used down hole at the WD Federal 14-7 R

Dave,

We request that you provide us with a list of products used in downhole operations at the WD Federal 14-7 R well (API 071-09862) subsequent to the completion of the well on October 16, 2011.

This would aid COGCC staff in trying to better understand the chemistry of produced water in the well. We assume MSDS are available for any products used downhole and we also request you provide access to that information as well.

Please contact me with any questions regarding this request.

Thanks

Peter Gintautas Ph.D.
Environmental Protection Specialist - Southeastern Colorado



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PO Box 108, Trinidad, CO 81082

peter.gintautas@state.co.us | www.colorado.gov/cogcc

Statement of Confidentiality:

This message may contain information that is privileged or confidential. If you receive this transmission in error, please notify the sender by reply e-mail and delete the message and any attachments.

4 attachments

 **MSDS PBS-Bio Tech.doc**
105K

 **MSDS M1000H-Bio Tech.doc**
60K

MSDS CBS-Bio Tech.doc

9/15/2014

State.co.us Executive Branch Mail - FW: Product identification and/or MSDS for products used down hole at the WD Federal 14-7 R

 111K

 **MSDS LBS-Bio Tech.doc**
111K



Bio Tech, Inc.

Material Safety Data Sheet for Para-Bac S

Section 1. Identification

Para-BAC S™

Section 2. Identity Information / Composition

Hazardous Components: None (TSCA 40
CFR 710.4 b)

Common Name:

Microbial Product: Naturally occurring
microorganisms

Section 3. Physical Characteristics

Specific Gravity: 1.02

Boiling Point: 100°C

Melting Point: 0°C

Solubility in Water: Water Soluble

Appearance and Odor: Light Pink to Tan
Liquid with Mild Odor

Section 4. Fire and Explosion Hazard

Flash Point NA

Flammable Limits NA

Extinguishing Media NA

Special Fire Fighting Procedures None

Unusual Fire and Explosion Hazards: None

Section 5. Reactivity Data

Stability: Stable

Incompatibility: None

Conditions to Avoid: Extreme

Conditions

Hazardous Decomposition or Byproducts:
None

Section 6. Health Hazard Data

Routes of Entry: Ingestion; Eye Contact

Carcinogenicity (NTP or IARC): None

Signs and Symptoms of Exposure: May
Cause Gastric and/or Intestinal Upset

Emergency and First Aid Procedures:

Ingestion: Do Not Induce Vomiting;

Drink plenty of water.

Eye Contact: Flush with clean water for 10
minutes

Section 7. Precautions for Safe Handling

Material Release or Spillage: Clean up with
soap and water or with disinfectant

Waste Disposal Method: Flush with clean
water

Handling and Storage Precautions: Store in
tightly closed original container at
temperatures between 13°C to 32°C

Ventilation Required: None Required

Respiratory Protection: None Required

Personal Protection: None required; use of
gloves and safety glasses suggested

Work/Hygienic Practices: Routine

7/1/05



Bio Tech, Inc.

Material Safety Data Sheet for **M1000*H Solution**

Section 1. Identification

M1000*H Solution™

Eye Contact: Flush with clean water for 10 minutes

Section 2. Identity Information / Composition

Hazardous Components: None (TSCA 40 CFR 710.4 b)

Common Name: Microbial Product:
Naturally occurring microorganisms

Section 7. Precautions for Safe Handling

Material Release or Spillage: Clean up with soap and water or with disinfectant
Waste Disposal Method: Flush with clean water

Section 3. Physical Characteristics

Specific Gravity: 1.02

Boiling Point: 100°C

Melting Point: 0°C

Solubility in Water: Water Soluble

Appearance and Odor: Light Pink to Tan with Moderate Odor

Handling and Storage Precautions: Store in tightly closed original container at temperatures between 13°C to 32°C

Ventilation Required: None Required

Respiratory Protection: None Required

Personal Protection: None required; use of gloves and safety glasses suggested
Work/Hygienic Practices: Routine

Section 4. Fire and Explosion Hazard

Flash Point: NA

Flammable Limits: NA

Extinguishing Media: NA

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

7/1/05

Section 5. Reactivity Data

Stability: Stable

Incompatibility: None

Conditions to Avoid: Extreme Conditions

Hazardous Decomposition or Byproducts: None

Section 6. Health Hazard Data

Routes of Entry Ingestion; Eye Contact

Carcinogenicity (NTP or IARC): None

Signs and Symptoms of Exposure: May

Cause Gastric and/or Intestinal Upset

Emergency and First Aid Procedures:

Ingestion: Do Not Induce Vomiting;

Drink plenty of water.



Bio Tech, Inc.

Material Safety Data Sheet for **Corroso-Bac S**

Section 1. Identification

CORROSO-BAC™

Section 2. Identity Information / Composition

**Hazardous Components: None (TSCA 40
CFR 710.4 b)**

Common Name:

**Microbial Product: Naturally occurring
microorganisms**

Section 3. Physical Characteristics

Specific Gravity: 1.02

Boiling Point: 100°C

Melting Point: 0°C

Solubility in Water: Water Soluble

**Appearance and Odor: Reddish Brown
Liquid with Mild Odor**

Section 4. Fire and Explosion Hazard

Flash Point NA

Flammable Limits NA

Extinguishing Media NA

Special Fire Fighting Procedures None

Unusual Fire and Explosion Hazards: None

Section 5. Reactivity Data

Stability: Stable

Incompatibility: None

Conditions to Avoid: Extreme

Conditions

**Hazardous Decomposition or Byproducts:
None**

Section 6. Health Hazard Data

Routes of Entry Ingestion; Eye Contact

Carcinogenicity (NTP or IARC): None

Signs and Symptoms of Exposure: May

Cause Gastric and/or Intestinal Upset

Emergency and First Aid Procedures:

Ingestion: Do Not Induce Vomiting;

Drink plenty of water.

**Eye Contact: Flush with clean water for 10
minutes**

Section 7. Precautions for Safe Handling

**Material Release or Spillage: Clean up with
soap and water or with disinfectant**

**Waste Disposal Method: Flush with clean
water**

**Handling and Storage Precautions: Store in
tightly closed original container at
temperatures between 13°C to 32°C**

Ventilation Required: None Required

Respiratory Protection: None Required

**Personal Protection: None required; use of
gloves and safety glasses suggested**

Work/Hygienic Practices: Routine

7/1/05



Bio Tech, Inc.

Material Safety Data Sheet for **Litho-Bac S**

Section 1. Identification

LITHO-BAC™

Eye Contact: Flush with clean water for 10 minutes

Section 2. Identity Information / Composition

Hazardous Components: None (TSCA 40 CFR 710.4 b)

Common Name: Microbial Product:
Naturally occurring microorganisms

Section 7. Precautions for Safe Handling

Material Release or Spillage: Clean up with soap and water or with disinfectant
Waste Disposal Method: Flush with clean water

Handling and Storage Precautions: Store in tightly closed original container at temperatures between 13°C to 32°C

Ventilation Required: None Required

Respiratory Protection: None Required

Personal Protection: None required; use of gloves and safety glasses suggested

Work/Hygienic Practices: Routine

Section 3. Physical Characteristics

Specific Gravity: 1.02

Boiling Point: 100°C

Melting Point: 0°C

Solubility in Water: Water Soluble

Appearance and Odor: Greenish Brown
Liquid with Mild Odor

7/1/05

Section 4. Fire and Explosion Hazard

Flash Point: NA

Flammable Limits: NA

Extinguishing Media: NA

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

Section 5. Reactivity Data

Stability: Stable

Incompatibility: None

Conditions to Avoid: Extreme
Conditions

Hazardous Decomposition or Byproducts:
None

Section 6. Health Hazard Data

Routes of Entry Ingestion; Eye Contact

Carcinogenicity (NTP or IARC): None

Signs and Symptoms of Exposure: May

Cause Gastric and/or Intestinal Upset

Emergency and First Aid Procedures:

Ingestion: Do Not Induce Vomiting;

Drink plenty of water.