

MATERIAL SAFETY DATA SHEET

PAGE #: 1 OF 4

PRODUCT NAME: BFR LATRON*B-1956

MSDS NUMBER:

PRODUCT CODE:

MSDS DATE: 10/23/2006

KEY NUMBER:

EMERGENCY PHONE #'s: CHEMTREC (800) 424-9300

BFR LATRON*B-1956

BFR

P.O. Box 366, Five Points, CA 93624

Prepared by Tim Brown

HEALTH

2

Hazardous

FIRE

2

Flash Point: Below 200°F, 93°C

REACTIVITY

0

Stable

SPECIFIC

-

1. IDENTIFICATION

☐ See Addendum:

Ref. PAGE:

Chemical Name:

Chemical Family: Modified phthalic glycerol alkyd resin

CAS #: None

Chemical Formula: Mixture

CAS Name: None

Molecular Weight: NA

Synonyms / Common Name: Spray adjuvant

DOT Information: Not subject to DOT

2. PHYSICAL DATA

☐ See Addendum:

Ref. PAGE:

Appearance:

Color: Brown

State: Liquid

Odor Characteristics: Wine like odor

pH: 7.0

Viscosity: 103 CPS

Specific Gravity (Water = 1): 0.9732

Vapor Density (Air = 1): 2.9

Vapor Pressure: 4.9mm Hg @ 68 F

Melting Point: NA

Boiling Point: 243 F

Flash Point: 105 F

Freezing Point: NA

Percent Volatility: 22 to 24 % Butanol

Evaporation Rate (BAC = 1): 0.45 Butanol

Solubility in Water: Dispersible

Solubility in Oil: NA

Solubility in Acetone: NA

3. INGREDIENTS

☐ See Addendum:

Ref. PAGE:

Material / Components

CAS #:

CAS Name

TLV Units

Approx. %

Modified phthalic glycerol alkyd resin

71-36-3

Butyl alcohol

77.0 %

23.0 %

4. FIRE AND EXPLOSION HAZARD DATA

☐ See Addendum:

Ref. PAGE: 4

Flash Point: 105 F

Flammable Limits Lower 1.4% n-Butanol
in Air % by volume: Upper 11.2% n-Butanol

Extinguishing Media: On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide (CO2), dry chemical or water spray. Water can be used to cool fire exposed containers.

Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Use water spray to keep fire exposed containers cool.

Unusual Fire & Explosion Hazards: Vapors can travel to a source of ignition and flash back.

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MATERIAL SAFETY DATA SHEET PAGE #: 2 OF 4**PRODUCT NAME:** BFR LATRON*B-1956**MSDS NUMBER:****MSDS DATE:** 10/23/2006**PRODUCT CODE:****KEY NUMBER:****5. HEALTH HAZARD DATA**☐ **See Addendum:****PAGE #:****Threshold Limit Value:****Effects of Overexposure:****Inhalation:** Inhalation of high vapor or mist concentrations can cause nausea - headache - drowsiness - dizziness - slurred speech - stupor - unconsciousness**Skin Contact:** Material can cause moderate skin irritation, defatting and dryings of the skin, and dermatitis. The solvents in this material can be absorbed through intact skin.**Eye Contact:** Direct contact with material can cause moderate irritation**Ingestion:** Harmful if swallowed**Delayed Effects:** None known**Medical Conditions Aggravated by Exposure** No known applicable information.**6. FIRST AID MEASURES**☐ **See Addendum:****PAGE #:****Inhalation:** Remove to fresh air. Give artificial respiration if breathing has stopped. Get immediate medical attention.**Skin Contact:** Remove contaminated clothing and wash with soap and water. Get medical attention if irritation persists.**Eye Contact:** Immediately flush with water for 15 minutes. Get medical attention.**Ingestion:** Do Not induce vomiting. Get Medical attention immediately**NOTES TO PHYSICIAN:** Treat according to person's condition and specifics of exposure.**7. REACTIVITY DATA**☐ **See Addendum:****PAGE #:****Stability:** Stable.**Incompatibility:** Oxidizing agents, copper, aluminum, nickel, and magnesium
(materials to avoid)**Hazardous Combustion or Decomposition Products** CO₂ and CO**Hazardous Polymerization:** Hazardous polymerization will not occur.**Conditions to Avoid:** None.**8. SPILL OR LEAK PROCEDURES**☐ **See Addendum:****PAGE #: 4****Actions to take for Leaks & Spills** Dike and contain. If uncontaminated, reuse product. If contaminated, absorb spill with clay, sand, or sawdust. Place in a chemical waste container for proper disposal. Spill area will be quite slippery.**Waste Disposal Method:** This material must be disposed of according to federal, state, and local procedures under the resource conservation and recovery act.

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MATERIAL SAFETY DATA SHEET PAGE #: 3 OF 4**PRODUCT NAME:** BFR LATRON*B-1956**MSDS NUMBER:****MSDS DATE:** 10/23/2006**PRODUCT CODE:****KEY NUMBER:****9. SPECIAL PROTECTION INFORMATION**☐ **See Addendum:** **Ref. PAGE:****Respiratory Protection:** Use respiratory protection unless adequate local exhaust ventilation is provided or air sampling data show exposures are within recommended exposure guidelines.**Eye Protection:** Use chemical worker's goggles.**Skin Protection:** Use impervious rubber gloves. Washing at mealtime and end of shift.**Other Clothing:** No special protection needed.**Other Equipment:****Engineering Controls:** Local and general ventilation is recommended. Keep away from heat sparks and flame.**10. HANDLING AND STORAGE**☐ **See Addendum:** **Ref. PAGE:****Special Precautions:** Use with adequate ventilation. Avoid eye contact. Do not breath mist. Keep container closed.**Other Precautions:** Use reasonable care and store away from oxidizing materials. Keep away from heat, sparks, and flame.**11. REGULATORY INFORMATION**☐ **See Addendum:** **Ref. PAGE:****Workplace Classification:** Caution - Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.**12. TOXICOLOGICAL INFORMATION**☐ **See Addendum:** **Ref. PAGE:****Acute Data:** Oral LD50 - rat: >5000 mg/kg
Dermal LD50 - rabbit: >5000 mg/kg**Reproductive /
Teratology Data** Not known**13. ECOLOGICAL INFORMATION**☐ **See Addendum:** **Ref. PAGE:****Fate in the Environment:** No specific information is available.**14. DISPOSAL CONDITIONS**☐ **See Addendum:** **Ref. PAGE:****Procedures:** When a decision is made to discard this material, as received, is it classified as a hazardous waste? No. State or local laws may impose additional regulatory requirements regarding disposal.**15. TRANSPORTATION INFORMATION**☐ **See Addendum:** **Ref. PAGE:****DOT Classification:** Not subject to DOT.**Warning Labels:**

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ADDENDUM for Section - 4. FIRE AND EXPLOSION HAZARD DATA - Ref. Pg. 1

Fire Fighting Measures continued: Determine the need to evacuate or isolate the area according to your local emergency plan.

ADDENDUM for Section -

ADDENDUM for Section -