**O-P-1731 PENETRATING FLUID**

**MSDS Number**
BGBDW

**National Stock Number**
6850-00-973-9091

**Product Name**
O-P-1731 PENETRATING FLUID

**Manufacturer**
BULK CHEM DIST INC

**Product Identification**
Product ID: O-P-1731 PENETRATING FLUID
MSDS Date: 01/01/1985
FSC: 6850
NIIN: 00-973-9091
MSDS Number: BGBDW

**Responsible Party**
BULK CHEM DIST. INC.
Emergency Phone: 504-362-3232
Cage: MO417

**Contractor**
BULK CHEMICALS DISTRIBUTORS, INC
GRETN#, LA 70053
US
504-362-3232 DISCONNECTED (2-20-92)
Cage: 56921

**Ingredients**
ETHYLENE GLYCOL (SARA III)
CAS: 107-21-1
RTECS: KW2975000
Fraction By Weight: 10%
OSHA PELC 50 PPM
ACGIH TLV: C 50 PPM, VAPOR; 9192
EPA Report Quantity: 1 LB
DOT Report Quantity: 1 LB

TRIETHANOLAMINE
RTECS: YD8225000
Fraction By Weight: 10%
ACGIH TLV: UNK

PROPANE/ISOBUTANE (PROPELLENT)
Fraction By Weight: 15%

[http://msdsreport.com/msds/BGBDW](http://msdsreport.com/msds/BGBDW)
Hazards
Effects of Overexposure: NON TOXIC-CAUSES DROWSINESS IN A SHORT TIME IN CONCENTRATIONS OF 1%.

First Aid
First Aid: ACUTE LOCAL-NONE; CHRONIC LOCAL-NONE; ACUTE SYSTEMIC: INHALATION.
SLIGHT EFFECTS DISAPPEAR AFTER EXPOSURE.

Fire Fighting
Flash Point: NONE
Extinguishing Media: CO₂, DRY CHEMICAL, MIST OR WATER SPRAY
Fire Fighting Procedures: CONFINING THE FIRE TO IMMEDIATE AREA. DISPERSE LIQUID/VAPOR.
IF LEAK OCCURS
Unusual Fire/Explosion Hazard: FOR AEROSOL: FIRE HAZARD, DANGEROUS, CAN REACT WITH OXIDIZING MATERIAL. EXPLOSIVE HAZARD SEVERE.

Accidental Release
Spill Release Procedures: REMOVE ALL IGNITION SOURCES, PROVIDE ADEQUATE VENTILATION. COLLECT AND DISPOSE OF ALL SPILLED LIQUID.

Handling
Handling and Storage Precautions: STORE IN WELL VENTILATED AREA AWAY FROM HEAT & ALL IGNITION SOURCES.

Exposure Controls
Protective Gloves: RECOMMENDED
Eye Protection: RECOMMENDED
Other Protective Equipment: AS REQD TO AVOID WETTING CLOTHES.
Supplemental Safety and Health
TLV-BUT MAY DISPLACE OXYGEN IN AIR.

Chemical Properties
HCC: V3
Boiling Pt: B.P. Text: 212°F
Spec Gravity: 1.025
Solubility in Water: COMPLETE
Appearance and Odor: CLEAR COLORLESS LIQUID
Percent Volatiles by Volume: 80

Stability
Stability Indicator/Materials to Avoid: YES
PROPELLANT REACTS VIGOROUSLY WITH OXIDIZING MATERIAL
Hazardous Decomposition Products: CO, CO₂, AND/OR NITROGEN OXIDE FROM BURNING

Disposal
Waste Disposal Methods: LIQUID-ABSORB & DISPOSE OF IAW/PREVAILING REGULATIONS. AEROSOL-DISCHARGE AT MODERATE RATE IN VENTILATED AREA. REPLACE CAP & DISCARD CONTAINERS IN TRASH. DO NOT INCINERATE OR PUNCTURE.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.