



BG PRODUCTS, INC.  
701 South Wichita  
Wichita, KS 67213  
(316) 265-2686

Date: 08-12-05  
Replaces: 09-08-04

227

**MATERIAL SAFETY DATA SHEET**  
**Emergency Phone: (800) 424-9300**

**Section A. PRODUCT IDENTIFICATION**

**Product Number:** 227 (All Sizes)

**Product Name:** Diesel Fuel Conditioner W/ DPL

**Product Use:** Diesel fuel treatment

**CAS Number:** Not Applicable

**HAZARD RATING:**

4 - EXTREME  
3 - HIGH  
2 - MODERATE  
1 - SLIGHT  
0 - INSIGNIFICANT

**NFPA (704)**

FLAMMABILITY: 2  
HEALTH: 1  
REACTIVITY: 0  
SPECIAL: 0

**HMIS**

FLAMMABILITY: 2  
HEALTH: 1  
REACTIVITY: 0  
PROTECTION: B

**Section B. HAZARDOUS COMPONENTS**

<u>COMPONENT</u>	<u>Percentage</u>	<u>CAS No.</u>
PETROLEUM DISTILLATES	Not Applicable	Mixture
PETROLEUM BASE OIL	Not Applicable	8008-20-6
LIGHT ALKARYL SOLVENT	Not Applicable	Trade Secret
OLEIC ACID	Not Applicable	112-80-1

**Section C. PHYSICAL AND CHEMICAL PROPERTIES**

<b>BOILING POINT:</b>	Not Determined	<b>ODOR:</b>	Solvent
<b>VAPOR PRESSURE:</b>	Not Determined	<b>APPEARANCE:</b>	Dark Amber liquid
<b>% VOLATILES BY VOLUME:</b>	None	<b>SPECIFIC GRAVITY</b> (H <sub>2</sub> O=1):	0.9093
<b>SOLUBILITY IN WATER:</b>	Insoluble	<b>POUR POINT:</b>	-51°C (-60°F)

**Section D. FIRE PROTECTION AND INFORMATION**

<b>FLASH POINT AND METHOD:</b> 50°C (122°F) / PMCC	<b>FLAMMABLE LIMITS IN AIR :</b> Not Determined	<b>AUTO IGNITION TEMPERATURE:</b> Not Determined
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**EXTINGUISHING MEDIA:** Foam, Carbon Dioxide, Dry Chemical.

**SPECIAL FIRE FIGHTING PROCEDURES:** Firefighters should wear protective gear including self-contained breathing apparatus. Use extinguishing media appropriate for surrounding fire.

**Section E. REACTIVITY DATA**

**STABLE (NORMAL CONDITIONS):**

Stable

**HAZARDOUS POLYMERIZATION:**

Will not occur

**HAZARDOUS AND DECOMPOSITION PRODUCTS:**

Carbon Monoxide, oxides of carbon and other products of complete/incomplete combustion. Oxides of nitrogen may be present at temperatures above 270°F.

**INCOMPATIBILITY (CONDITIONS TO AVOID):**

Oxidizing Mineral Acids, Alkali Elemental Metals & Alloys, Peroxides, Strong Oxidizing and Reducing Agents

**Section F. HEALTH HAZARD INFORMATION**

**Petroleum Distillates: Exposure Routes:** skin and/or eye contact; **Symptoms:** Irritation eyes, skin; **Target Organs:** Eyes, skin;

**Exposure Limits:** OSHA PEL/ACGIH TLV = None Established

**Petroleum Base Oil (8008-20-6): Exposure Routes:** inhalation, ingestion, skin and/or eye contact; **Symptoms:** Irritation eyes, skin, nose, throat; burning sensation in chest; headache, nausea, lassitude (weakness, exhaustion), restlessness, incoordination, confusion, drowsiness; vomiting, diarrhea; dermatitis; chemical pneumonitis (aspiration liquid); **Target Organs:** Eyes, skin, respiratory system, central nervous system; **Exposure Limits:** OSHA PEL = None Established, ACGIH TLV = 200 mg/m<sup>3</sup>

## Section G. EMERGENCY FIRST AID PROCEDURES

**SKIN CONTACT:** Remove all contaminated clothing and flush affected area for 15-20 minutes. If irritation occurs or persists, seek medical attention immediately.

**EYE CONTACT:** Flush with large amounts of water for 15-20 minutes. If irritation occurs or persists, seek medical attention immediately.

**INHALATION:** Remove from exposure area to a source of fresh air. If unconscious, start artificial respiration. If breathing is difficult or labored, provide Oxygen. Seek medical attention immediately.

**INGESTION:** DO NOT induce vomiting. Seek medical attention immediately.

## Section H. SPECIAL PROTECTION INFORMATION

**VENTILATION REQUIREMENTS:** Use local exhaust or other engineering controls to minimize exposure.

**RESPIRATORY PROTECTION (SPECIFY TYPE):** Use NIOSH approved respirator with cartridge, air line or SCBA as appropriate based on workplace evaluations.

**EYE PROTECTION:** Safety glasses or chemical goggles.

**OTHER PROTECTIVE CLOTHING AND EQUIPMENT:** Wear long sleeved shirt or other protective clothing when a potential for contact exists. Wear chemically protective gloves when handling.

## Section I. SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Keep containers closed when not in use and away from sources of ignition. Use in well-ventilated areas. Physically segregate from incompatibles. **Uniform Fire Code Class 2 material.**

**OTHER PRECAUTIONS:** This product contains a chemical(s) known to the state of California to cause cancer.

## Section J. ENVIRONMENTAL/SPILL OR LEAK INFORMATION

**SPILLS:** Evacuate the immediate area and remove all sources of ignition. Contain and collect spill products using inert/absorbent materials. Place spill materials in a closed and labeled container for disposal. Contact response organizations as appropriate.

**WASTE DISPOSAL:** Dispose of in a manner consistent with all applicable Federal, State and local regulations.

**EPCRA 311/312 CATEGORIES:** Acute, Fire

## Section K. TRANSPORTATION INFORMATION

### Product Numbers 2276 and 2271

**DOT Shipping Description:** Consumer Commodity

**IMDG Shipping Description:** Flammable Liquid, n.o.s. (contains Petroleum Distillates and Petroleum Base Oil), 3, UN1993, PGIII, Ltd.Qty., (50°C)

**DOT ERG No.:** 171  
**DOT HAZARD NAME:** Consumer Commodity  
**UN NUMBER:** 1993  
**NA NUMBER:** Not Applicable

**IMDG LABEL:** Not Applicable  
**PACKING GROUP:** III  
**DOT LABEL:** Not Applicable

### Product Numbers 2272, 2275, 22716, 22730 and 22753

**DOT Shipping Description:** Flammable Liquid, n.o.s. (contains Petroleum Distillates and Petroleum Base Oil), 3, UN1993, PGIII

**IMDG Shipping Description:** Flammable Liquid, n.o.s. (contains Petroleum Distillates and Petroleum Base Oil), 3, UN1993, PGIII, (50°C)

**DOT ERG No.:** 128  
**DOT HAZARD NAME:** Flammable liquid  
**UN NUMBER:** 1993  
**NA NUMBER:** Not Applicable

**IMDG LABEL:** Flammable liquid  
**PACKING GROUP:** III  
**DOT LABEL:** Flammable liquid

## Section L. COMMENTS

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use. You must notify each person to whom this mixture or trade name product is sold. This statement must not be detached. Any copy or redistribution of the Material Safety Data Sheet shall include this statement.

Signature: 

Name/Title: James Overheul/Safety Manager