



# MATERIAL SAFETY DATA SHEET

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## P-D88

CHEMICAL CODE: P-D88  
PRODUCT NAME: DISPERSANT POWDER  
MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE: January 24, 2011

### NFPA RATING:

Health Hazard: 2 Flammability: 1 Reactivity: 0 Other: None

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

### Nominal Composition:

Proprietary Surfactant Blend.

### CAS Number

## SECTION 1 - PHYSICAL DATA

<b>CHEMICAL NATURE:</b>	Surfactant	<b>FORM:</b>	Powder
<b>COLOR:</b>	Dark Brown	<b>ODOR:</b>	Faint
<b>VAP DENSITY (air=1):</b>	Not Determined	<b>% SOL. IN WATER:</b>	100
<b>pH:</b>	Not Determined	<b>S.P GRAVITY:</b>	1.36
<b>POUR PT.:</b>	Not Determined	<b>BOILING POINT:</b>	Not Applicable
<b>VAP. PRESSURE:</b>	Not Determined	<b>WT% VOLATILE:</b>	5

## SECTION 2 - FIRE AND EXPLOSION HAZARD DATA

**CHARACTERISTIC:** Will burn at high temperatures

**FLASH POINT:** > 200 deg F > 93 deg C      **METHOD USED:** Seta flash CC

**FLAMMABLE LIMITS (STP IN AIR) LFL:** Not determined      **UFL:** Not determined

**EXTINGUISHING MEDIA:** Water Fog, Alcohol Foam, CO<sub>2</sub>, Dry Chemical, Water

**SPECIAL FIRE FIGHTING EQUIPMENT AND HAZARDS:** Wear protective fire fighting clothing and avoid breathing vapors. Use self-contained breathing apparatus in closed areas.



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### **SECTION 3 - REACTIVITY HAZARDS**

**STABILITY:** Stable

**INCOMPATIBILITY:** Strong oxidizing materials.

**HAZARDOUS DECOMPOSITION:** When heated strongly or burned, oxides of carbon, sulfur oxides, sodium oxides, and harmful organic chemical fumes are released.

**HAZARDOUS POLYMERIZATION:** Will not occur.

### **SECTION 4 - FIRST AID PROCEDURES**

**EYE CONTACT:** Immediately flush eyes with water for 15 minutes while holding eyelids open. See a doctor at once.

**SKIN CONTACT:** Wash thoroughly with soap and water. See a doctor if irritation occurs. Wash clothes thoroughly before reusing.

**SWALLOWING:** If several grams are swallowed, give 2 glasses of milk (preferred) or water and consult physician.

**INHALATION:** Remove to fresh air. See a doctor if effects occur.

**NOTES:** None

### **SECTION 5 - HANDLING PRECAUTIONS**

**PROTECTIVE EQUIPMENT CODE:** Q0Q6

**VENTILATION:** General ventilation to control dust.

**RESPIRATORY PROTECTION:** Use NIOSH approved respirator with dust and mist protection (3M No. 8710).

**PROTECTIVE CLOTHING:** Clean, body-covering clothing.

**EYE PROTECTION:** Chemical goggles required and an eye wash in work area.

**EXPOSURE GUIDELINE(S):** TWA 10 mg/m<sup>3</sup> total dust.



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### **SECTION 6 - SPILL AND DISPOSAL PROCEDURE**

**CERCLA REPORTABLE QUANTITY:** Not established.

**SPECIAL HANDLING:** Scoop into containers. Flush residual with plenty of water.

**DISPOSAL METHOD FOR:**

**PRODUCT:** Hazardous waste landfill. Material may be acceptable in some sanitary landfills; check local regulations.

**EPA Hazardous Waste Number:** None.

**CONTAINER:** Send empty bags to sanitary landfill. Render other types of containers unusable by puncturing or crushing and send to sanitary landfill, unless prohibited by local regulations.

**DEGRADABILITY:** Not biodegradable. COD = 1.2 p/p.

**FISH TOXICITY:** Low toxicity to fish. LC50 = 375 mg/l.

**ANIMAL TOXICITY:** Low toxicity to mammals.

### **SECTION 7 - TOXICOLOGY (ROUTES OF EXPOSURE)**

**PRINCIPAL HAZARD** (E=Eye, S=Skin, I=Inhal.): E

**EYE CONTACT:** Irritant. May cause pain, redness, discomfort.

**SKIN CONTACT:** No effect expected. Prolonged or repeated contact may cause mild irritation.

**SWALLOWING:** No effect expected. Swallowing large amounts may cause illness. LD50 (rats) = greater than 2,000 mg/kg.

**INHALATION:** No effect expected. Prolonged or repeated exposure may cause mild irritation. Nuisance dust.

**OTHER:** None.



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### **SECTION 8 - SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION**

**SPECIAL PRECAUTIONS:** None.

**PHYSICAL HAZARD:** None.

**HANDLING AND STORAGE PRECAUTIONS:** No special precautions required.

**PACKAGING INFORMATION:** Paper bags (minimum 3 ply) or other industrial container designed for powders and granulated materials.

**ADDITIONAL INFORMATION:** None

The information herein is believed to be accurate and is presented in good faith; however, no warranties or representations are made by Petrochem USA, Inc. regarding the accuracy or completeness of the information.



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## **SHIPPING INFORMATION**

**ID NUMBER (UN # OR NA #):** **FLASH PT.** > 200 deg F, > 93 deg C  
**BOILING PT.** Not applicable.

**ICC TARIFF CLASSIFICATION:** Compound, Gas or Oil Well Drilling  
**ICC Item Number:** 138640 **ICC Class:** 50 LTL 35 TL

### **DEPARTMENT OF TRANSPORTATION - DOT**

**Description:** Not Regulated  
**Hazard Class:** Not Regulated  
**Shipping Name:** Not Regulated  
**DOT Label:**  
**Comment:**  
**DS Tank Ex. #:** N/A  
**CERCLA RQ:** Not established.

**US FOREIGN TRADE SCHEDULE B# (EXPORT):** 464.3500

### **CANADIAN SHIPMENTS -**

**Shipping name:**  
**Special Provision:**  
**Classification:**  
**ICAO Class:** **Pkg Group:**

### **WATER SHIPMENT (IMO) -**

**Shipping Name:** Not regulated  
**Label(s):**  
**Class:** **Pkg Group:** **IMDG Page:**  
**MARPOL:**

### **AIR SHIPMENTS (IATA) -**

**Shipping Name:** Not regulated  
**Label(s):**  
**Class:** **Sub Risk:** **Pkg Group:**  
**Passenger Aircraft Pkg. Instr.** **Max. Net Qty./Pkg.**  
**Cargo Aircraft Only Pkg. Instr** **Max. Net Qty./Pkg.**

### **EUROPEAN ECONOMIC COMMUNITY (EEC) -**

**Risk Phrases:** **Safety Phrases:**  
**Classification (Label):**  
**Label Description:**  
**ADR Class:** **RID Class:** **TREM Card:**  
**Hazard Classification:**  
**Comment:**