

# Material Safety Data Sheet

## PDN-50

### MATERIAL SAFETY DATA SHEET

PDN-50

Better Engineering Mfg., Inc.

Date: May 1, 2009

### SECTION 1: PRODUCT IDENTIFICATION

<b>Distributor:</b> Better Engineering Mfg., Inc. 8361 Town Center Court Baltimore, Maryland 21236	<b>Emergency Phone:</b> 800-535-5053 (INFOTRAC)
<b>Trade Name:</b> PDN-50	<b>Product Type:</b> Alkaline spray-wash cleaner for industrial parts washing.

### SECTION 2: HAZARDOUS INGREDIENTS

**PDN-50 contains no hazardous ingredients per 29 CFR 1910:** Better engineering submits this MSDS to assure our customers that we are aware of our obligations under OSHA.

### SECTION 3: PHYSICAL DATA

<b>Boiling point (°F):</b> N/A	<b>Specific gravity (H<sub>2</sub>O = 1.0):</b> N/A
<b>Vapor pressure (mm/Hg):</b> N/A	<b>Vapor density (air = 1.0):</b> N/A
<b>Solubility in water:</b> Complete	<b>pH:</b> = 11.3 @ 1%
<b>Evaporation rate (vs. H<sub>2</sub>O):</b> N/A	<b>Appearance and odor:</b> White powder, slight odor

### SECTION 4: FIRE AND EXPLOSION HAZARD DATA

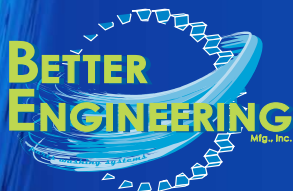
<b>Flash Point (T.C.C.):</b> None	<b>Flammable limits:</b> Upper N/A Lower N/A
<b>Extinguishing media:</b> N/A	<b>Unusual fire and explosion hazards:</b> None
<b>Special fire fighting procedures:</b> use self-contained respiratory protection.	

### SECTION 5: REACTIVITY DATA

**Stability:** Stable

**Incompatibility:** Do not mix with acids, and/or strong oxidizers. This product contains nitrites salts-do not mix with amines or substances containing amines.

**Hazardous Decomposition Products:** When exposed to fire, produces normal products of combustion.



# Material Safety Data Sheet

## PDN-50

### SECTION 6: HEALTH HAZARDS

**Primary Routes of Exposure:** (x) Eyes (x) Skin (x) Oral (x) Inhalation ( ) Other

**Signs and Symptoms of Overexposure (Acute):** Skin and eye irritation

**Signs and Symptoms of Overexposure (Chronic):** None known

**Medical Conditions Aggravated by Overexposures:** None known

**Carcinogen or Suspect Carcinogen:** None

### SECTION 7: EMERGENCY FIRST AID PROCEDURES

**Eyes:** In case of contact with eyes, flush with water for 20-30 minutes. Consult a physician immediately.

**Skin:** Flush affected area with water for 20-30 minutes.

**Ingestion:** If large quantities are swallowed, drink lukewarm water (never give anything to an unconscious person). Do not induce vomiting. Seek medical attention immediately.

**Inhalation:** If overcome by exposure, remove victim to fresh air. Give oxygen or artificial respiration if needed. Seek medical attention immediately.

### SECTION 8: SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Not needed under normal conditions of use. If TLV (Threshold Limit Value) is exceeded, or for symptoms of overexposure, wear a NIOSH-approved dust/mist respirator.

**Ventilation Requirements:** Local exhaust.

**Other Protection:** Always wear gloves, safety glasses and protective clothing.

### SECTION 9: SPILL AND LEAK PROCEDURES

**Spill Control Procedure:** Shovel dry spill into DOT approved drums for disposal. Small spills of PDN-50 in solution can be wiped up. Large solution spills should be contained in a central area and absorbed with sand or other suitable absorbents for disposal. Consult local codes for disposal. Use caution when handling; refer to section six (6) for Health hazards.

### SECTION 10: STORAGE AND HANDLING INFORMATION

**Shipping Procedures:** Store in tightly closed containers away from flame and strong oxidizing agents. Keep from freezing.