# MATERIAL SAFETY DATA SHEET

**Product Name:** PROMOTE PLUS

**Product Code:** 09907803  UPC-A  SCC

**Manufacturer:** JOHNSONDIVERSEY INC.
3630 E. KEMPER RD
CINCINNATI, OH 45241-2046

**Date:** 09/23/1992

## I Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Chemical Name of Hazardous Ingredient</th>
<th>% Exposure Limits</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>TETRASODIUM PYROPHOSPHATE (7722-88-5)</td>
<td>&lt;10 PEL 5; TLV 5</td>
<td>MG/M3</td>
</tr>
<tr>
<td>SILICA, AMORPHOUS (7631-86-9)</td>
<td>&lt;10 PEL 6; TLV 10</td>
<td>MG/M3</td>
</tr>
<tr>
<td>SODIUM METASILICATE (6834-92-0)</td>
<td>&lt;70</td>
<td>NONE ESTABLISHED</td>
</tr>
</tbody>
</table>

## II Composition/Information on Ingredients

**Chemical Product and Company Identification:**

**Chemical Family:** LAUNDRY DETERGENT

**Composition/Information on Ingredients:**

**I. Signs and Symptoms of Exposure**

**ACUTE:**

- CAUSES EYE AND SKIN IRRITATION.
- INHALATION OF DUST CAUSES IRRITATION OF NOSE, THROAT AND PULMONARY MEMBRANES. MAY BE HARMFUL IF SWALLOWED. MAY CAUSE NAUSEA/DIARRHEA/IRRITATION OF GASTRIC TISSUE.

**CHRONIC:**

- NO KNOWN CHRONIC HAZARDS.

**HMIS:**

- Health 2
- Flammability 0
- Reactivity 0

**Conditions Aggravated:** SENSITIVE SKIN; INHALED DUST MAY AGGRAVATE RESPIRATORY CONDITIONS.

**Carcinogen Info:**

- NONE

**Target Organs or System:**

**Routes of Exposure:**

- Inhalation
- Skin
- Ingestion

**IV First Aid Measures**

**Inhalation:** IF INHALED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF BREATHING IS DIFFICULT.

**Eyes:** FLUSH THOROUGHLY WITH FRESH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

**Skin:** FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS.

**Ingestion:** GIVE WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

**V Fire Fighting Measures**

**Fire Control Measures/Equipment:** WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SCBA

**Flammable Property Info:**

**Explosion Info:** LOW FIRE HAZARD. RESIDUE MAY BURN IF HEATED TO DRYNESS.

**Extinguishing Media:** CO2, DRY CHEMICALS, WATER, FOAM

**Gases:**
### Accidental Measures

**Spill and Leak Clean UP Procedures**
- **Environmental Precautions:**
  - Flush small amounts to drain. Collect and return large amounts to a covered container and dispose of in accordance with local, state and federal regulations. Wash spill area with water.
  - CERCLA PRODUCT RQ: NO REPORTABLE QUANTITY.

### Ventilation Required?
- **Instructions**: NORMAL AIR DILUTION

### Handling and Storage

- **Safe Storage, Handling and Use Instructions**
  - Do not pressure container to empty. Keep container closed. Store in a cool dry place away from heat sources, acids and oxidizers.
  - Wash spill area with water.
  - CERCLA PRODUCT RQ: NO REPORTABLE QUANTITY.

### Incompatible Materials

### Exposure Controls/Personal Protection

- **Protective Gloves**: CHEMICAL RESISTANT, RUBBER, OR PVC
- **Eye Protection**: SIDESHIELD SAFETY GLASSES, FACESHIELD
- **Respiratory Protection**: USUALLY NOT REQUIRED. MONITOR AREAS FOR CONTAMINATION IF SYMPTOMS OF OVEREXPOSURE ARE EVIDENT.
- **Other Protective Clothing Equipment**: CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR. SAFETY SHOWER/EYE WASH IN USE AREA.

### Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Characteristics of Hazardous Chemical</th>
<th>Vapor Pressure</th>
<th>MmHg @ °C</th>
<th>Vapor Density (Air=1)</th>
<th>pH</th>
<th>Water Solubility</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance &amp; Odor</strong></td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td>SOL.</td>
<td></td>
</tr>
<tr>
<td><strong>Boiling Point</strong></td>
<td>N/A</td>
<td>°F</td>
<td></td>
<td></td>
<td>NONE</td>
<td></td>
</tr>
<tr>
<td><strong>Melting Point</strong></td>
<td>°F</td>
<td></td>
<td></td>
<td></td>
<td>NONE</td>
<td></td>
</tr>
<tr>
<td><strong>Flammability Limits in Air By Volume</strong></td>
<td>Upper NONE</td>
<td>Lower NONE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>NONE</td>
<td>°F</td>
<td>Auto Ignition</td>
<td>N/A</td>
<td>°F</td>
<td></td>
</tr>
<tr>
<td><strong>Oxidizing Properties</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Specific Gravity</strong></td>
<td>1.20</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Evaporation Rate</strong></td>
<td>n-Butyl Acetate=1</td>
<td>N/</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### Stability and Reactivity

- Peroxide, Pyrophoric, Unstable or Water Reactive: NONE
- Reactivity and Hazardous Polymerization: NONE
- Possible Hazardous Reactions: Concentrated acids, oxidizers, organic halogens
- Conditions to Avoid: Oxides of carbon

### Toxicological Information

- **Possible Effects and Environmental Fate**: Method of Disposal, Residues and Safe Handling
- **Disposal Consideration**: USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL. CONTAINS PHOSPHATES. DO NOT DISCHARGE TO LAKES, STREAMS, PONDS AS SOLUTIONS MAY BE TOXIC TO FISH OR AQUATIC LIFE. PH ADJUSTMENT BEFORE DISPOSAL.

### Transport Information

- **Disposal of Contaminated Material**: Oxides of carbon

### S.A.R.A.

<table>
<thead>
<tr>
<th>Title III</th>
<th>Section 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>THIS PRODUCT CONTAINS NO SARA TITLE III SECTION 313 REPORTABLE CHEMICALS. ALL CHEMICAL COMPONENTS ARE LISTED ON TSCA INVENTORY.</td>
<td></td>
</tr>
</tbody>
</table>

### Other Information

- **State Right to Know Information**
  - Sodium carbonate - CAS #497-19-8
  - Sodium tripolyphosphate - CAS #7758-29-4
  - Silica, amorphous - CAS #7631-86-9
  - Sodium metasilicate - CAS #6834-92-0
  - Alkyl polyethoxy glycol - CAS #66455-14-9