**MATERIAL SAFETY DATA SHEET**

**Effective:** 12/22/1999

**Product Name:** POWERZYMME

**Product Code:** 32623820

**Distributor:** Diversey Lever Institutional

**Manufacturer:** DIVERSEY LEVER

3630 E. KEMPER RD
CINCINNATI, OH 45241-2046

**UPC #:** 7-74305-55459-9

**S.N. #:** 55459-9

**N.S. #:** Not Available

**Emergency:** (800) 831-9889

**Medical (Collect):** (303) 592-1024

**Chemtrec:** (800) 424-9300

**Printed:** 01/09/2002

**Chemical Family:** LAUNDRY DETERGENT BLEACH

**Components or Mixtures:**

<table>
<thead>
<tr>
<th>Chemical Name of Hazardous Ingredient</th>
<th>% Exposure Limits</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SODIUM PERCARBONATE (15630-89-4)</td>
<td>&lt;20</td>
<td>NONE ESTABLISHED</td>
</tr>
<tr>
<td>SODIUM METASILICATE (6834-92-0)</td>
<td>&lt;50</td>
<td>NONE ESTABLISHED</td>
</tr>
</tbody>
</table>

**Hazards Identification:**

**Acute Exposure:**

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

**Chronic Exposure:**

- NO KNOWN CHRONIC HAZARDS.

**HAZARDS IDENTIFICATION:**

**HMIS:** Health 2  Flammability 0  Reactivity 0  Personal Protection C

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

**Carcinogen Info:** NIGHT | NTP | IARC | OSHA

**Target Organs or Systems:** Inhalation | Skin | Ingestion

**Routes of Exposure:** Inhalation | Skin | Ingestion

**Protective 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.

**Disposal Measures:**

**Fire Control:** WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SCBA.

**Measures/Equipment:**

**Flammable Property Info:**

**Explosion Info:** HIGH TEMPERATURES RELEASE OXYGEN WHICH ACCELERATES BURNING.

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

**Send To:**

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**DiverseyLever**
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.

Environmental Precautions

Ventilation Required? NO
Inhalation Routes NORMAL AIR DILUTION

Safe Storage DO NOT PRESSURE CONTAINER TO EMPTY. KEEP CONTAINER CLOSED.
Handling STORE IN A COOL, DRY PLACE AWAY FROM HEAT SOURCES, ACIDS AND AND USE OXIDIZERS AND ORGANICS SUCH AS DETERGENTS, WOOD, PAPER,

Incompatible Materials

Protective Gloves CHEMICAL RESISTANT, RUBBER, OR PVC
Eye Protection SIDESHIELD SAFETY GLASSES, FACESHIELD
Respiratory Protection USUALLY NOT REQUIRED. MONITOR AREAS FOR CONTAMINATION IF SYMPTOMS OR OVEREXPOSURE ARE EVIDENT.

Other Protective Clothing/Equipment CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR. SAFETY SHOES/TOE

Characteristics of Hazardous Chemical

Vapor Pressure (mm Hg) N/A
Vapor Density (Air=1) N/A
pH
Water Solubility %
Appearance & Odor WHITE POWDER, NO ODOR
Boiling Point (°C) Flammable Limits in Air (vol %)
Melting Point (°C) Upper None, Lower None
Auto Ignition Temperature (°C) Oxidizing Properties
Specific Gravity 1.2 Volatile by Volume 0 %
Evaporation Rate (n-Butyl Acetate=1) N/A

Flammable, Pyrophoric, Unstable or Water React

Peroxide, Pyrophoric, Unstable or Water React

Reactivity and Hazardous Polymerization

Possible Hazardous Reactions

Conditions to Avoid

Materials CONCENTRATED ACIDS, OXIDIZERS, ORGANICS SUCH AS DETERGENTS.

Hazardous OXIDES OF CARBON, MAY REFUSE SOL F2 AT HIGH TEMPERATURES.

Decomposition Products

Possible Effects and Environmental Fate

Degradability

Aquatic Toxicity

Method of Disposal

EMPTY CONTAINER. TRIPLE RINSE WITH WATER, ADD TO OPERATION.

Residues

REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL.

Safe and Handling

CONTAINS PHOSPHATES. PH ADJUSTMENT BEFORE DISPOSAL.
DO NOT DISCHARGE TO LAKES, STREAMS, PONDS AS SOLUTIONS MAY BE TOXIC TO FISH OR AQUATIC LIFE.

Disposal of Contaminated Material

OXIDIZING SOLID, CORROSIVE, N.O.S., (SODIUM PERCARBONATE, SODIUM METASILICATE).
6.1, (8), UN3085, PG II, NA/REG #141

Regulatory Information

This product is not hazardous according to the classification criteria of the U.S. Environmental Protection Agency, OSHA Hazard Communication Standard, and the International Agency for Research on Cancer.

SAR
A. Section III
B. Section II
C. Section I

State Right to Know Information

SODIUM CARBONATE - CAS #497-19-8
SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4
SODIUM PERCARBONATE - CAS #15630-89-4
SODIUM METASILICATE - CAS #6834-92-0
LINEAR ALCOHOL ETHERGLY - CAS #68439-46-3
PRTK6