

### Material Safety Data Sheet

**Product Name:** LIQUID UNITE  
**Product Code:** 09898280  
**UPC-A:** 774105552113  
**SCC:** 1074105552110  
**Manufacturer:** JOHNSONDIVERSEY INC.  
3630 E. KEMPER RD  
CINCINNATI, OH 45241-2846  
**Chemical Family:** LIQUID LAUNDRY DETERGENT  

### Composition/Information on Ingredients

**Chemical Name of Hazardous Ingredients:** NONE  

### Hazards Identification

**Signs and Symptoms of Exposure:** CAUSES EYE AND SKIN IRRITATION. MAY BE HARMFUL IF SWALLOWED. INHALATION OF MIST MAY IRRITATE NOSE, THROAT, AND PULMONARY MEMBRANES. NO KNOWN CHRONIC HAZARDS.  

**Hazard Identification:**  
**HMIS:** Health 2  
**Flammability:** 0  
**Reactivity:** 0  
**Personal Protection:** B  
**Conditions Aggravated:** SENSITIVE SKIN. MISTS MAY AGGRAVATE RESPIRATORY DISEASE.  
**Carcinogen Info:** NONE  
**Target Organ or System:** NTP IARC OSHA  
**Routes of Exposure:** Inhalation ☐ Skin ☐ Ingestion ☐  

### First Aid Measures

**Inhalation:** IF INHALED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF BREATHING IS DIFFICULT.  
**Eyes:** FLUSH THOROUGHLY WITH FRESH WATER, FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.  
**Skin:** FLUSH WITH FRESH WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.  
**Ingestion:** GIVE WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.  

### Fire Fighting Measures

**Fire Control Measures/Equipment:** WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SELF-CONTAINED BREATHING APPARATUS.  
**Flammable Property Info:**  
**Explosion Info:** PRODUCT MAY BURN IF EVAPORATED TO DRYNESS AND HEATED ABOVE FLAME POINT.  
**Extinguishing Media:** WATER, WATER FOG  
**Gases:**
### VI. Accidental Measures

<table>
<thead>
<tr>
<th>Spill and Leak</th>
<th>Clean UP Procedures</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAUSES VERY SLIPPERY SURFACES IF SPILLED. CONTAIN SPILL. MOP UP OR DILUTE WITH WATER AND DISCHARGE TO A SANITARY SEWER. FOR LARGE AMOUNTS, PACKAGE AND DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, FEDERAL REGULATIONS.</td>
<td></td>
</tr>
<tr>
<td>PROVIDE ADEQUATE VENTILATION</td>
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</tbody>
</table>

#### Environmental Precautions:
- Ventilation Required: NO
- Instructions: PROVIDE ADEQUATE VENTILATION

### VII. Handling and Storage

- Safe Storage: KEEP CONTAINER CLOSED. STORE AWAY FROM OPEN FLAME.
- Handling: DO NOT STORE WITH FOOD.
- Instructions: STORE IN A COOL, DRY, WELL VENTILATED AREA.

### VIII. Incompatible Materials

- Protective Gloves: CHEMICAL RESISTANT, RUBBER, OR PVC
- Eye Protection: SAFETY GLASSES WITH SIDE SHIELD/FLASH GOGGLES
- Respiratory Protection: USUALLY NOT REQUIRED. MONITOR AREAS FOR CONTAMINATION IF SYMPTOMS OF OVEREXPOSURE ARE EVIDENT.
- Other Protective Equipment: SHOWER AND EYE WASH IN USE AREA.

### IX. Characteristics of Hazardous Chemical

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapor Pressure</td>
<td>20.6 mHg @ 20 °C</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>&lt;1</td>
</tr>
<tr>
<td>pH</td>
<td>8.0</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>10%</td>
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#### Appearance & Odor
- CLEAR LIQUID: FLORAL FRAGRANCE

#### Boiling Point
- 110 °F

#### Melting Point
- 32 °F

#### Flammability Limits
- Upper: NONE
- Lower: NONE

#### Flash Point
- NONE

#### Auto ignition Temperature
- N/A

### X. Stability and Reactivity

- Stable: Yes
- Reactivity and Hazardous Polymerization: NONE
- Possible Hazardous Reactions: NONE
- Conditions to Avoid: NONE
- Materials to Avoid: STRONG OXIDIZERS OR POWERED CHLORINATED CLEANERS.
- Hazardous Decomposition Products: OXIDES OF CARBON AND PHOSPHORUS.

### XI. Toxilogical Information

- Possible Effects and Environmental Fate
- Acute Toxicity

### XII. Ecological Information

- Degradability

### XIII. Disposal Considerations

- Method of Disposal: USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER. EMPTY CONTAINER, TRIPLE RINSE WITH WATER, ADD TO OPERATION.
- Residues and Sales Handling: REMOVE OR DESTROY CONTAINER LABEL BEFORE SELLING OR DISPOSAL.
- Disposal or Process Waste Solutions: IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. DO NOT DISCHARGE TO LAKES, STREAMS, PONDS AS SOLUTIONS MAY BE TOXIC TO AQUATIC LIFE.
- Contains Phosphates.

### XIV. Transport Information

- COMPOUNDS, CLEANING, N.O.S., LIQUID

### XV. Regulatory Information

- SARA Title III Section 313
- NON-VOLATILE POLYETHYLENE GLYCOL - CAS 9008-37-9
- CONTAINS GLYCOL ETHERS AT 1%

- WATER - CAS 7732-18-5
- TETRAPOTASSIUM PYROPHOSPHATE - CAS 7230-34-5
- ETHYLMETHYLCARBITOL - CAS 68000-97-1
- DECARBOXYLIC ANHYDRIDE - PROPRIETARY
- POTASSIUM DODECYLBENZENE SULFONATE - CAS 62717-77-1

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