# MATERIAL SAFETY DATA SHEET

## SECTION I

**EMERGENCY TELEPHONE NUMBER(S):**

1-800-543-1745

**IDENTITY**

Mr. Clean - liquid synthetic detergent (non phosphate).

**INGREDIENTS / CHEMICAL NAME**

- Anionic surfactant, butyl diglycol, sodium citrate, sodium carbonate, colorant, perfume, quality control agent.

**OTHER**

None

## SECTION II — HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

**HAZARDOUS INGREDIENTS AS DEFINED BY OSHA 29 CFR 1910 1200**

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>COMMON NAME</th>
<th>CAS NO.</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>OTHER LIMITS RECOMMENDED</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

**NOTE:** This product is not hazardous within the meaning of the OSHA Hazard Communication Standard.

## SECTION III — PHYSICAL / CHEMICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOILING POINT (°F)</td>
<td>N.A.</td>
</tr>
<tr>
<td>VAPOR PRESSURE (mm Hg)</td>
<td>N.A.</td>
</tr>
<tr>
<td>VAPOR DENSITY (AIR = 1)</td>
<td>N.A.</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>Infinitely</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY (H₂O = 1)</td>
<td>1.047 - 1.067</td>
</tr>
<tr>
<td>PERCENT VOLATILE BY VOLUME (%)</td>
<td>ca 85</td>
</tr>
<tr>
<td>EVAPORATION RATE (NBOAc = 1)</td>
<td>N.A.</td>
</tr>
<tr>
<td>APPEARANCE AND ODOR</td>
<td>Clear, yellow liquid with a lemon fragrance.</td>
</tr>
</tbody>
</table>

## SECTION IV — FLAMMABILITY AND REACTIVITY

**FLASH POINT (METHOD USED):**

> 200°F (c.c.)

**EXPLOSIVE LIMITS**

LEL N.A.

UEL N.A.

**EXTINGUISHING MEDIA**

Use water spray, dry chemical, "alcohol" foam or CO₂

**SPECIAL FIRE FIGHTING PROCEDURES**

Use water to keep fire-exposed containers cool.

**UNUSUAL FIRE HAZARDS**

None

**STABILITY**

- UNSTABLE

- STABLE XX

**INCOMPATIBILITY (Materials to avoid)**

None

**HAZARDOUS DECOMPOSITION / BY PRODUCTS**

None

**HAZARDOUS POLYMERIZATION**

- MAY OCCUR

- WILL NOT OCCUR XX

- CONDITIONS TO AVOID

None
SECTION V — HEALTH AND SAFETY DATA

ROUTE(S) OF ENTRY
Skin and eye contact, oral ingestion

HEALTH HAZARDS (ACUTE AND CHRONIC)
Mild skin and eye irritant

SIGNS AND SYMPTOMS OF EXPOSURE
Instillation into eyes may result in transient superficial effects similar to those produced by mild toilet soaps and detergents. Oral ingestion may result in gastrointestinal irritation with nausea, vomiting or diarrhea.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
Use on irritated or extremely dry skin may aggravate the existing condition.

EMERGENCY AND FIRST AID PROCEDURES
In case of accidental eye contact, flush thoroughly with water.
For oral ingestion, dilute with fluids and treat symptomatically. For skin irritation, rinse exposed area and discontinue use.

OTHER
None

SECTION VI — PRECAUTIONS FOR SAFE HANDLING AND USE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Store in cool, dry, well ventilated area.

OTHER PRECAUTIONS
None required.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Use water spray to dilute and/or wash away spills to avoid exposure and to protect persons working to stop/repair leak.

WASTE DISPOSAL METHOD
Do not landfill. Small (household) quantities may be disposed of via sewer. Incineration is preferred where permitted by federal, state, and local regulations. Disposal is to be performed in compliance with all regulations.

SECTION VII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify Type)
None required.

VENTILATION
LOCAL EXHAUST
None required.

MECHANICAL (General)
Acceptable

SPECIAL
None

OTHER
None

EYE PROTECTION
None required with normal use. For splash protection, use chemical goggles. None required with normal use.

OTHER PROTECTIVE EQUIPMENT
None required. Eye wash fountain desirable.

* N.A. — NOT APPLICABLE  * N.K. — NOT KNOWN

THE SUBMISSION OF THIS MSDS MAY BE REQUIRED BY LAW, BUT THIS IS NOT AN ASSERTION THAT THE SUBSTANCE IS HAZARDOUS WHEN USED IN ACCORDANCE WITH PROPER SAFETY PRACTICES AND NORMAL HANDLING PROCEDURES. DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATIONAL SAFETY AND HEALTH.