1. PRODUCT NAME & HAZARD SUMMARY

5933 FABRITEC CITRA BUFF  LAUNDRY ADDITIVE

<table>
<thead>
<tr>
<th>NFPA HAZARD</th>
<th>RATING</th>
<th>SARA TITLE III, SECTION 313</th>
<th>CANADA (WHMIS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH</td>
<td>2 MODERATE</td>
<td>APPLICABLE ( )</td>
<td>D2: CAUSING OTHER</td>
</tr>
<tr>
<td>TOXIC</td>
<td>0 MINIMAL</td>
<td>NOT APPLICABLE ( X )</td>
<td></td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>1 SLIGHT</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. HAZARDOUS COMPONENTS

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>PEL</th>
<th>OSHA (PPM)</th>
<th>ACGIH (PPM)</th>
<th>LD 50 (MG/KG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SODIUM CITRATE</td>
<td>≤ 13.0</td>
<td>N.AV.</td>
<td>N.AV.</td>
<td>N.AV.</td>
</tr>
<tr>
<td>CITRIC ACID</td>
<td>≤ 10.0</td>
<td>N.AV.</td>
<td>N.AV.</td>
<td>N.AV.</td>
</tr>
</tbody>
</table>

INGREDIENTS NOT IDENTIFIED ARE NON-HAZARDOUS.

3. PHYSICAL & CHEMICAL DATA

APPEARANCE: CLEAR, WATER WHITE LIQUID
ODOR: MILD
BOILING PT.: 212°F (100°C)
FREEZING PT.: APPROX. 32°F (0°C)
pH: 12.0 - 13.0
% VOLATILE: 80%
ODOR THRESHOLD (PPM): N.AV.
EVAPORATION RATE: EQUAL TO WATER
VAPOR DENSITY (AIR = 1): N.AV.
VAPOR PRESSURE (MM): N.AV.
SOLUBILITY IN WATER: COMPLETE
SPECIFIC GRAVITY (WATER = 1): 1.12
CO-EFFICIENT OF WATER/OIL DISTRIBUTION: N.AV.

4. FIRE & EXPLOSION HAZARDS

FLASH POINT: None
FLAMMABLE LIMITS IN AIR, % BY VOLUME: N.AV.
FIRE FIGHTING MEDIA (1990 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.5): Dry chemical, CO₂, water spray or alcohol foam.
SPECIAL FIRE-FIGHTING PROCEDURES: Wear self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION: None
HAZARDOUS COMBUSTION PRODUCTS: N.AV.
CONDITIONS OF FLAMMABILITY: N.AV.
AUTO IGNITION TEMP. (°C): N.AV.
EXPLOSION DATA: - SENSITIVITY TO MECHANICAL IMPACT: N.AV.
SENSITIVITY TO STATIC DISCHARGE: N.AV.

5. REACTIVITY HAZARD DATA

STABILITY (CONDITIONS TO AVOID): Stable
INCOMPATIBILITY (MATERIALS TO AVOID): N.AV
HAZARDOUS DECOMPOSITION PRODUCTS: N.AV.
HAZARDOUS POLYMERIZATION (CONDITIONS TO AVOID): Will not occur

6. HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: INHALATION____ SKIN _X_ INGESTION____

WARNING! MAY CAUSE EYE AND SKIN IRRITATION. MAY BE HARMFUL IF SWALLOWED.

SIGNS & SYMPTOMS OF EXPOSURE: (ACUTE & CHRONIC)

EYES: May cause eye irritation.
SKIN: May cause skin irritation.
INGESTION: May cause irritation of the mouth, throat, esophagus and stomach.
6. HEALTH HAZARD DATA (cont’d)

INHALATION: Mist may cause irritation to the upper respiratory tract.
IRRITANT OF PRODUCT: N.A.V.
SENSITIZATION TO PRODUCT: N.A.V.
CARCINOGENICITY, REPRODUCTIVE TOXICITY, TERATOGENICITY, MUTAGENICITY: N.A.V.
TOXICOLOGICALLY SYNERGISTIC PRODUCTS: N.A.V.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Remove contact lenses, if worn. Flush with water for at least 15 min. Call a physician.
SKIN: Remove any contaminated clothing, wash area with water or soap and water for at least 15 minutes, get medical attention.
INHALATION: Remove to fresh air. If breathing has stopped, perform artificial respiration. Oxygen may be administered, if available, get medical help.
INGESTION: Do not induce vomiting, give large amounts of water. Give one ounce of vinegar in equal amount of water. Get medical attention immediately.

7. SPILL AND LEAK PROCEDURES

LARGE SPILLS: Dilute with water.
SMALL SPILLS: Flush with water. Avoid body contact.
WASTE DISPOSAL METHOD: May be considered a hazardous waste, dispose of according to all applicable regulations. May be flushed into sewer after neutralization.
HANDLING PROCEDURES & EQUIPMENT: Avoid direct contact with product, use protective eye wear and gloves.
STORAGE REQUIREMENTS: Store away from acids.

8. SPECIAL PROTECTION, PREVENTATIVE MEASURES/IN CASE OF LARGE SPILL OR FIRE

ENGINEERING CONTROLS/VENTILATION: Local exhaust system.
RESPIRATOR: THE FOLLOWING RESPIRATORS ARE RECOMMENDED & RANKED IN ORDER FROM MIN. TO MAX. PROTECTION:
CHEMICAL CARTRIDGE RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE WITH A FULL FACE PIECE.
GAS MASK WITH ORGANIC VAPOR CANISTER WITH A FULL FACE PIECE.
TYPE ‘C’ SUPPLIED-AIR RESPIRATOR WITH FULL FACE PIECE.
SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACE PIECE OPERATED IN PRESSURE-DEMAND

PERSONAL PROTECTIVE EQUIPMENT: Wear goggles when handling product.

9. TRANSPORTATION DATA

DOT HAZARD CLASSIFICATION 49 CFR172.101: None, not regulated.
DOT LABEL: None
U.N./IATA: Not regulated

10. STATE RIGHT TO KNOW INFORMATION


ABBREVIATIONS:
OSHA = Occupational Safety & Health Administration
TWA = Time Weighted Average for 8 Hours
LD50 = Lethal Dose for 50% Test Animals
PEL = Permissible Exposure Level
NFPA = National Fire Protection Agency
STEL = Short Term Exposure Level (15 min)
(C) = Ceiling, Limit for Exposure
ppm = part(s) per million
DOT = Department of Transportation
SKN = Skin Effects
WHMIS = Workplace Hazardous Materials Information System - Canada
NGE = National Fire Protection Agency
ACGIH = American Conference of Government Industrial Hygienists
R.Q. = Amount of spill that must be reported to EPA
SARA Title III, Sec. 313 = Superfund Amendments and Reauthorization Act

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