

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product identifier**

Product Name:	Laundry Detergent
Product Code:	FM9000
Suggested Use:	Laundry Detergent
Restrictions on Use:	N/A
Supplier:	Accurate Chemical & Services 731 W. Fairmont Dr. Tempe, AZ 85282
Phone	1-602-996-9191
Fax	1-602-996-9194
Emergency Phone:	1-800-870-8508

**2. HAZARDS IDENTIFICATION**

**GHS Classification:** Classification of this mixture in accordance with paragraph (d) of §1910.1200.  
Eye Damage/Irritation - Category 2B

**Label elements:** Symbol: None  
Signal word: **WARNING**  
Hazard statements: Causes eye irritation.  
Precautionary statements:  
Wash hands, face and any skin contact thoroughly after handling.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Storage:** Not applicable  
**Disposal:** Not applicable  
**Other Hazards:** None known  
**Other Information:** May be harmful if swallowed  
May cause skin irritation.  
Keep out of reach of children

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS NUMBER	WEIGHT %
Surfactant	9002-92-0	10 - 20%
Surfactant	149458-07-1	1 – 10%
Sodium bicarbonate	144-55-8	1 – 5%
Soy methyl ester	67784-80-9	1 – 5%
Surfactant	61789-40-0	1 – 5%

**4. FIRST AID MEASURES****Inhalation:**

If adverse effects such as dizziness, nausea or irritation are noted, move person to fresh air. Contact a physician if you feel unwell.

**Skin contact:**

Wash with soap and water. Get medical attention if irritation persists after washing.

**Eye contact:**

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician if irritation persists.

**Ingestion:**

Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Contact a physician if you feel unwell.

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media:** Product does not support combustion. Use media most appropriate for surrounding fire.

**Specific hazards in case of fire:** May decompose upon heating to produce oxides of carbon.

**Special protective equipment and precaution for fire fighters:** For fires in enclosed areas, wear self-contained breathing apparatus. Do not inhale combustion gases.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions:**

Prevent contact with skin, eyes or clothing. Use personal protective equipment as required.

**Environmental precautions:**

Do not release to the environment or water source.

**Methods and materials for containment and cleaning up:**

Halt spill at source and contain or dike spill with sand or inert absorbent material. Transfer any liquid to containers for recovery or disposal. Collect used absorbent into drums for disposal in accordance with all applicable local and national regulations.

**7. HANDLING AND STORAGE****Precautions for safe handling:**

Avoid contact with skin and eyes; wash thoroughly after handling. Observe good industrial hygiene practices.

**Conditions for safe storage, including incompatibilities:**

KEEP FROM FREEZING! Store in a dry location at room temperature. Keep container closed and maintain all original markings and labels. Keep out of reach of children.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Occupational exposure limits:** None established.

**Engineering measures to reduce exposure:**

Good general ventilation should be sufficient to control airborne levels.

**Respiratory protection:**

Not required under normal conditions of use.

**Eye protection:**

Not required under normal conditions of use.

**Skin protection:**

Not required under normal conditions of use.

**Work hygienic practices:** Cleanse skin thoroughly after contact, before breaks and meals and at the end of the work shift.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical state:** Liquid

**Color:** Blue

**Odor:** Soapy

**pH-value:** 7.0 – 9.0

**Freezing Point:** 32 °F initial  
**Initial boiling point:** 212 °F initial  
**Flash point:** None  
**Evaporation rate (Water=1):** Slower than water  
**Upper flammability limit:** No data available  
**Lower flammability limit:** No data available  
**Vapor pressure:** No data available  
**Vapor density (Water Vapor=1):** No data available  
**Specific gravity:** 1.04 – 1.05  
**Solubility:** Complete in water  
**Partition coefficient:** No data available  
**Autoignition temperature:** No data available  
**Decomposition temperature:** No data available  
**Volatile Organic Compounds (VOC):** 0 lbs/gal (EPA method 24)  
**Viscosity:** 200 to 600 cps

## 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable.  
**Hazardous polymerization:** Will not occur.  
**Conditions to avoid:** Direct sunlight. Do not freeze or expose to extreme heat.  
**Materials to avoid:** Strong oxidizing agents and strong acids.  
**Hazardous decomposition products:** Oxides of carbon.

## 11. TOXICOLOGICAL INFORMATION

**Likely routes of exposure:** Eyes, skin, ingestion, inhalation  
**Symptoms of exposure:**  
**Eye contact:** Pain and redness  
**Skin contact:** Drying of skin  
**Inhalation:** Nasal discomfort and coughing  
**Ingestion:** Pain, nausea, vomiting and diarrhea  
**Immediate, delayed, chronic effects:**  
**Product information:** No data available  
**Target organ effects:** Eyes, respiratory system, skin

### Component acute toxicity information:

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LD50
Surfactant 9002-92-0	2,000 - 3340 mg/kg (rat)	>2,000 mg/kg (rabbit)	No data available
Surfactant	>5,000 mg/kg (rat)	>2,000 mg/kg	No data available

149458-07-1		(rabbit)	
Sodium bicarbonate 144-55-8	7,300 mg/kg (rat)	No data available	>4.74 mg/l (rat)
Soy methyl ester 67784-80-9	5,000 – 15,000 mg/kg (rat)	2,000 – 20,000 mg/kg (rabbit)	No data available
Surfactant 61789-40-0	>5,000 mg/kg (rat)	>5,000 mg/kg (rat)	No data available

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity:

CHEMICAL NAME	ALGAE/AQUATIC PLANTS	FISH	MICRO-ORGANISMS	INVERTEBRATES
Surfactant 9002-92-0	EC50 Algae: 1 - 10 mg/l Exposure time: 72 h	LC50 Fish: 1 - 10 mg/l Exposure time: 96 h	No data available	EC50 Daphnia: 1 - 10 mg/l Exposure time: 48 h
Surfactant 149458-07-1	EC50 Algae: 1.8 mg/l Exposure time: 72 h	LC50 Fish: 4.7 mg/l Exposure time: 96 h	No data available	EC50 Daphnia: 6.25 mg/l Exposure time: 48 h
Sodium bicarbonate 144-55-8	No data available	LC50 Bluegill: 7100 mg/l Exposure time: 96 h	No data available	EC50 Daphnia: 4100 mg/l Exposure time: 48 h
Soy methyl ester 67784-80-9	No data available	LC50 Fish: >1,000 mg/l Exposure time: 96 h	No data available	EC50 Crustacea: 800 – 5,243 mg/l Exposure time: 48 h
Surfactant 61789-40-0	No data available	No data available	No data available	No data available

**Persistence and degradability:** No data available but expected to be readily biodegradable based on ingredients.

**Bioaccumulation:** No data available but expected not to bioaccumulate based on ingredients.

## 13. DISPOSAL CONSIDERATIONS

**Disposal instructions:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in

accordance with local/regional/national/international regulations.

**Hazardous waste code:** Not applicable

**Waste from residues / unused products:** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging:** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. TRANSPORT INFORMATION

Not Regulated per U.S. Department of Transportation

## 15. REGULATORY INFORMATION

### US federal regulations

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### Hazard categories

Immediate Hazard - Yes

Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**

No

**SARA 313 (TRI reporting)**

Not regulated.

### California Proposition 65

This product does not contain any Proposition 65 chemicals.

**16. OTHER INFORMATION****HMIS HAZARD RATING INFORMATION:**

HEALTH: 1    FIRE: 0    REACTIVITY: 0    SPECIAL: 0

4=Extreme    3=High    2=Moderate    1=Slight    0=Insignificant

**HMIS PROTECTION:**

None required under normal conditions of use.

Prepared By                      Accurate Companies  
    731 W. Fairmont Dr.  
    Tempe, AZ 85282

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Revision Date

Revision Note

Disclaimer

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**End of Safety Data Sheet**