



# ALOE VERA GEL

## Material Safety Data Sheet (MSDS)

### 1. PRODUCT IDENTIFICATION

**Product Name:** aloe vera gel  
**INCI Name:** aloe barbadensis  
**CAS Number:** 8001-97-6  
**EINECS Number:** 287-390-8  
**Preservation:** sodium benzoate, sodium sulphate, potassium sorbate, ascorbic acid

### 2. PHYSICAL & CHEMICAL PROPERTIES

**Melting Point:** not available  
**Boiling Point:** 100°C (212°F)  
**Density:** not available  
**Vapor Pressure:** not available  
**Specific Gravity:** not available  
**Solubility in water:** soluble  
**pH Value:** 3.5 - 4.7  
**Appearance & Odor:** clear liquid, faint herbal odor

### 3. STABILITY & REACTIVITY

**Chemical Stability:** stable under normal conditions  
**Incompatibility:** incompatible with strong oxidizing agents  
**Hazardous Decomposition:** biodegradable  
**Hazardous Polymerisation:** will not occur

### 4. HANDLING & STORAGE

As with all chemicals, good industrial hygiene practices should be followed when handling this material.  
Avoid freezing or excessive heat. Do not handle or store near an open flame, heat or other sources of ignition. Keep the container tightly closed and in a cool, well-ventilated place.

### 5. ACCIDENTAL RELEASE MEASURES

Isolate spill area immediately. Keep unauthorized personnel away. Ventilate closed spaces before entering. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, basements or confined areas. Surface may become slippery after spillage. Use vacuum or broom sweeping and remove to disposal container.

### 6. EXPOSURE CONTROLS & PERSONAL PROTECTION

**Respiratory Protection:** No respiratory protective equipment required.  
**Protective Clothing:** Gloves recommended. Safety glasses, goggles, or face shield recommended for eye protection.  
**Other Protective Measures:** Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

### 7. HAZARDS IDENTIFICATION

**General:** not hazardous under normal conditions.  
**Inhalation:** no known hazards to the respiratory system due to inhalation of vapors are expected.

**Eye Contact:** irritation not expected.  
**Skin Contact:** irritation not expected.  
**Ingestion:** irritation not expected.  
**Chronic Exposure:** no data available.

### 8. FIRST AID MEASURES

**Eyes:** Irrigate eyes with water.  
**Skin:** Wash with water.  
**Inhalation:** Remove from area of exposure. If breathing is difficult, give oxygen. Seek medical attention.  
**Ingestion:** Do not induce vomiting. Consult medical personnel if any symptoms develop. Never give anything by mouth to an unconscious person.

### 9. FIRE FIGHTING MEASURES

**Flash Point:** >338°C (>640°F), will ignite if overheated  
**Extinguishing Media:** water spray, foam, carbon dioxide  
**Fire Fighting Procedures:** Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

### 10. TOXICOLOGICAL INFORMATION

**General:** product is non-toxic  
**Acute LD50:** not data available  
**Carcinogenicity:** not carcinogenic  
**Mutagenicity:** not data available

### 11. DISPOSAL CONSIDERATIONS

Storage and disposal must be in accordance with applicable local, state & federal disposal regulations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

### 12. TRANSPORT INFORMATION

**General:** not regarded as hazardous material  
**DOT Shipping Name:** no hazard classification  
**ADR/RIC Code:** no hazard classification  
**Sea Transport IMDG Code:** no hazard classification  
**Air Transport IATA:** no hazard classification

### 13. DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.

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