



# HAND SANITIZER SAFETY DATA SHEET

## 1. IDENTIFICATION

Product Name ..... Hand Sanitizer  
 Product Code ..... 54-34  
 Recommended Use ..... Hand Sanitizer  
 Manufacturer ..... Nano Liquid: 2244 Faraday Ave, Suite 148, Carlsbad, CA 92008 - (760) 444-6070  
 Emergency Phone Number ..... (760) 444-6070

## 2. HAZARD IDENTIFICATION

Physical State ..... Liquid  
 Color ..... Clear  
 Odor ..... Light Orange

### GHS Classification:

Flammability ..... Category 3  
 Skin Irritation ..... None  
 Eye Irritation ..... None  
 Specific Target Organ toxicity ..... None  
 Single Exposure ..... None  
 Aspiration Hazard ..... None

Signal Word ..... CAUTION

Health Statements ..... H305: May be harmful if swallowed and enters airways  
 H317: May cause an allergic skin reaction

Precautionary Statements: ..... P270: Do not eat drink or smoke when using this product

Response: ..... P301+P330+P331. If swallowed, rinse mouth. Do not induce vomiting  
 P304+340 If inhaled, Remove person to fresh air and keep comfortable for breathing  
 P332+P313 If skin irritation occurs, get medical attention  
 P337+313: If eye irritation persists get medical advice/attention

Exposure Routes ..... Inhalation, Skin contact, Eye Contact, Ingestion

**Eye Contact** ..... May cause mild eye irritation. Symptoms include stinging, tearing, and redness.

**Skin Contact** ..... May cause mild skin irritation. Symptoms may include redness, burning, drying and cracking of skin.

**Ingestion** ..... May be harmful if swallowed. Can cause gastrointestinal irritation, nausea, vomiting & diarrhea.

**Inhalation** ..... Excessive inhalation of vapors can cause nasal and respiratory irritation.

Label Elements ..... No special label requirements.

Precautionary Statements ..... P102: Keep out of the reach of children.

Storage/Disposal ..... Dispose of according to local, regional and/or national regulations.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS	CAS NUMBER	TLV/PEL
Isopropanol	67-63-0	TLV: 400 ppm

## 4. FIRST AID MEASURES

### Description Of First Aid Measures

Inhalation ..... Move victim to fresh air and keep comfortable for breathing. Seek medical attention if you feel unwell.

Skin ..... No adverse effects. May cause redness and dry skin with repeated use.

Eye ..... Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, seek medical attention.

Ingestion ..... Do not induce vomiting. Rinse mouth with water and follow with two glasses of water or milk. Get medical attention if you feel unwell.

### Most important systems and effects, both acute and delayed

Note ..... Product may dry hands with frequent and prolonged use.

### Indication of any immediate medical attention and special treatment needed

Note to Physician ..... All treatments should be based on observed signs and symptoms of distress in the patient.

## 5. FIRE FIGHTING MEASURES

### Extinguishing Media

Suitable Extinguishing Media ..... CO<sub>2</sub>, dry chemical, foam, water fog, water spray.

Unsuitable Extinguishing Media ..... None

### Special Hazards Arising From The Substance Or Mixture

Unusual Fire and Explosion Hazards ..... None

Hazardous Combustion Products ..... Combustion may produce Carbon Monoxide, CO<sub>2</sub> and potentially irritating fumes.

Advice for firefighters ..... Wear approved SCBA with full facepiece operated in positive pressure demand mode. Hazardous Polymerization is not expected to occur. Avoid contact with strong oxidizing agents and strong acids.



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## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment And Emergency Procedures

- Personal Precautions ..... For large spills (500 gallons or more) wear appropriate protective equipment including rubber boots, gloves, goggles and apron.
- Emergency Procedures ..... Isolate spill or leak. Eliminate all ignition sources (no smoking, flares or open flames)
- Environmental Precautions ..... Avoid run off to waterways and storm drains.

### Methods And Materials For Containment And Clean Up

- Containment / Clean up Measures ..... Stop leak if you can do it without risk. Dike ahead of liquid spill to prevent entering storm drains. Absorb and transfer to containers.

## 7. HANDLING AND STORAGE

### Precautions For Safe Handling

- Handling ..... Product is slippery. If product is spilled onto floor, clean area to prevent slipping.

### Conditions For Safe Storage, Including Any Incompatibilities

- Storage ..... Store in a cool, dry place.
- Incompatible Materials or Ignition Sources ..... Keep away from oxidizers and strong acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Controls

- Engineering Measures / Controls ..... None needed when used as directed.
- Personal Protective Equipment ..... None needed when used as directed.
- General Industrial Hygiene Considerations ..... None needed when used as directed.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on Physical and Chemical Properties

- |                            |                                     |
|----------------------------|-------------------------------------|
| Physical Form ..... Liquid | Appearance ..... Thin, Clear Liquid |
| Color ..... Clear          | Odor ..... Alcohol                  |
| Taste ..... Data Lacking   | Particulate Type ..... N/A          |
| Particulate Size ..... N/A | Aerosol Type ..... N/A              |

### General Properties

- |                             |                                  |
|-----------------------------|----------------------------------|
| Boiling Pt ..... 184° F     | Melting Point ..... Data Lacking |
| pH ..... 6.5–7.5            | SG / Density ..... 0.83–0.84     |
| Water Solubility ..... 100% |                                  |

## 10. STABILITY AND REACTIVITY

- Reactivity ..... No dangerous reaction know under conditions of normal use.
- Chemical stability ..... Stable under normal temperatures and pressures.
- Possibility of hazardous reactions ..... Hazardous polymerization is not expected to occur.
- Conditions to Avoid ..... High temperatures.
- Hazardous Decomposition ..... Combustion may produce Carbon Monoxide, CO<sub>2</sub> and potentially irritating fumes.

## 11. TOXICOLOGICAL INFORMATION

### Specific Effects

- Carcinogenic Effects ..... None known
- Mutagenic Effects ..... None known
- Reproductive Toxicity ..... None known
- Target Organ Effects ..... None known

## 12. ECOLOGICAL INFORMATION

None known

## 13. DISPOSAL CONSIDERATIONS

- Disposal ..... Dispose of according to local, state and federal regulations.

## 14. TRANSPORT INFORMATION

- Transport ..... This product is not regulated for DOT shipping.

## 15. REGULATORY INFORMATION

- SARA 302 Components ..... No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
- SARA 313 Components ..... This material does not contain any chemical components with known CAS numbers that exceed the threshold (DeMinimis) reporting levels established by SARA Title III, Section 313.
- California Prop. 65 ..... This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## 16. OTHER INFORMATION

- Dated ..... December 24, 2019

**WARNING** ..... This information contained in this SDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe: Read this safety information and forward it to all persons who may be exposed to this product.



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