

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

## IDENTITY AND DISTRIBUTOR'S INFORMATION

|  |  |  |                 |
|--|--|--|-----------------|
| NFPA Rating: Health-1; Flammability-3; Reactivity-0; Special-0 |  | HMIS Rating: Health-1; Flammability-3; Reactivity-0; Personal Protection-B |                 |
| Distributed by: <b>HILLYARD INDUSTRIES, INC.</b>               |  | DOT Hazard Classification: <b>ORM-D</b>                                    |                 |
| Address: 302 N. 4 <sup>th</sup> Street                         |  | Identity (trade name as used on label):                                    |                 |
| Address: St. Joseph, MO 64501                                  |  | <b>Quick &amp; Clean Lemon Air Freshner/Part #HIL0107854</b>               |                 |
| Phone: (816)-233-1321 ext. 8285 or http://www.hillyard.com     |  | MSDS Number: 211 LP  | Revision-4      |
| Emergency Response Number: Chemtrec 1-800-424-9300             |  | Date Prepared: 10/07/04  | Prepared By: TR |
| <b>NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA</b>           |  | Information Calls: (770)422-2071   |                 |

## SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

| COMPONENTS-CHEMICAL NAMES AND COMMON NAMES<br>(Hazardous Components 1% or greater; Carcinogens 0.1% or greater) | CAS Number | SARA<br>III LIST | OSHA PEL<br>(ppm) | ACGIH<br>TLV (ppm) | Carcinogen<br>Ref. Source ** |
|---|------------|------------------|-------------------|--------------------|------------------------------|
| ACETONE   | 67-64-1    | No               | 1000              | 750                | d                            |
| ISOBUTANE / PROPANE BLEND   | 75-28-5    | No               | 800               | 800                | d                            |
|   | 74-98-6    | No               | 1000              | 1000               | d                            |
|   |            |                  |                   |                    |                              |
|   |            |                  |                   |                    |                              |

## SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

|   |   |
|---|---|
| Boiling Point: N/A                                | Specific Gravity (H2O=1): Concentrate Only = < 1          |
| Vapor Pressure: PSIG @ 70°F (Aerosols): 70        | Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A |
| Vapor Density (Air = 1): N/E                      | Evaporation Rate ( = 1): N/E                              |
| Solubility in Water: Soluble                      | Water Reactive: No  |
| Appearance and Odor: Clear liquid with fragrance. |   |

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

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| FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) <b>NON-FLAMMABLE</b>                                      | Auto Ignition Temperature<br>N/E   | Flammability Limits in Air by % in Volume:<br>% LEL: N/E      % UEL: N/E |
| FLASH POINT AND METHOD USED (non-aerosols): N/A  | SPECIAL FIRE FIGHTING PROCEDURES: Provide shielding for personnel. Wear self-contained breathing apparatus. Cool containers with water fog to prevent rupturing & spewing. |  |
| EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide, water.   |  |  |
| Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 130°F or the container may rupture. |  |  |

## SECTION 4 - REACTIVITY HAZARD DATA

|  |   |
|--|---|
| STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE | HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR |
| Incompatibility (Mat. to avoid): Alkalis, oxidizing materials, amines.                 | Conditions to Avoid: Open flame, welding arcs, heat.  |
| Hazardous Decomposition Products: CO, CO2.   |   |

## SECTION 5 - HEALTH HAZARD DATA

|   |  |
|---|--|
| PRIMARY ROUTES OF ENTRY: <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS |  |
| ACUTE EFFECTS Vapor concentrations around 1000 ppm may cause slight transient irritation to the upper respiratory tract.  |  |
| Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.   |  |
| Eye Contact: Irritation.  | Skin Contact: May cause slight irritation. |
| Ingestion: Possible chemical pneumonitis if aspirated into lungs. Nausea.   |  |
| CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) May cause mucous membrane irritation, overnight headache, and general weakness.   |  |
| Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions.   |  |

## EMERGENCY FIRST AID PROCEDURES

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| Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.                   |
| Skin Contact: Wash with soap and water. If irritated, seek medical attention.                         |
| Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.                     |
| Ingestion: DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention. |

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

|  |   |
|--|---|
| Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by NIOSH for organic vapor. |   |
| Protective Gloves: Latex, if skin easily irritated.  | Eye Protection: Safety glasses recommended. |
| Ventilation Requirements: Adequate ventilation to keep vapor concentration below TLV.  |   |
| Other Protective Clothing & Equipment: None  |   |
| Hygienic Work Practices: Wash with soap and water before handling food. Remove contaminated clothing.                          |   |

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

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| Steps To Be Taken If Material Is Spilled Or Released: Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. DO NOT FLUSH TO SEWER. |
| Waste Disposal Methods: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.  |
| Precautions To Be Taken In Handling & Storage: Do not puncture or incinerate containers. Do not store at temperatures above 130°F.   |
| Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove ignition sources.                                  |

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only