



SDS

Safety Data Sheet

Health Gards Metered Aerosols -07931 Citrus Grove

SDS Number: 1264127

Revision Date: 5/20/2015

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufactured For:

Hospeco
26301 Curtiss Wright Parkway Suite 200
Richmond Heights, OH 44143

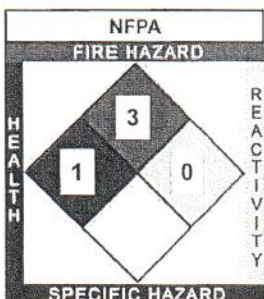
Phone: 800-255-3924 (Emergency)
800-321-9832 (Information)
Web: <http://www.hospeco.com>

Product Name: Health Gards Metered Aerosols -07931 Citrus Grove
Revision Date: 5/20/2015
Version: 1
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Common Name: Aerosol Air Freshener (Metered)
Product Use: Air Freshener

2 HAZARDS IDENTIFICATION

Route of Entry: Eyes - Yes Skin - Yes Inhalation - Yes Ingestion - Unlikely
Target Organs: Skin, Eyes, Upper Respiratory System, Central Nervous System
Inhalation: No significant adverse health effects are expected to occur upon short-term exposure. Large amounts may cause respiratory tract irritation.
Skin Contact: No significant adverse health effects are expected to occur upon short-term exposure. Large amounts may cause irritation, de-fatting and dermatitis of skin.
Eye Contact: May cause irritation. Symptoms include stinging, tearing, redness and swelling of eyes.
Ingestion: Not a normal route of exposure.

NFPA: Health = 1, Fire = 3, Reactivity = 0
HMIS III: H*1/F3/PH0



HMIS III		
HEALTH	<input checked="" type="checkbox"/>	1
FLAMMABILITY		3
PHYSICAL HAZARDS		0
PERSONAL PROTECTION		



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GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:

- Physical, Flammable Aerosols, 1
- Health, Acute toxicity, 5 Oral
- Health, Skin corrosion/irritation, 3
- Health, Serious Eye Damage/Eye Irritation, 2 A
- Health, Specific target organ toxicity - Single exposure, 3
- Physical, Gases Under Pressure, Liquefied Gas

GHS Phrases:

- H222 - Extremely flammable aerosol
- H229 - Pressurized container: may burst if heated
- H303 - May be harmful if swallowed
- H316 - Causes mild skin irritation
- H319 - Causes serious eye irritation
- H335 - May cause respiratory irritation
- H336 - May cause drowsiness or dizziness
- H280 - Contains gas under pressure; may explode if heated

GHS Precautionary Statements:

- P102 - Keep out of reach of children.
- P103 - Read label before use.
- P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P251 - Pressurized container: Do not pierce or burn, even after use.
- P262 - Do not get in eyes, on skin, or on clothing.
- P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P302+352 - IF ON SKIN: Wash with soap and water.
- P304+341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.

Continue rinsing.

- P314 - Get Medical advice/attention if you feel unwell.
- P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing respiratory or skin conditions.

LISTED CARCINOGENS: OSHA - Not listed IARC - Not listed NTP - Not listed

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
67-64-1	60-70%	2-Propanone
74-98-6	25-35%	Propane



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4 FIRST AID MEASURES

- Inhalation:** Move to fresh air and keep at rest. Call a physician if symptoms develop and persist.
- Skin Contact:** Wash with soap and water. If skin irritation persists, call a physician immediately. Remove contaminated clothing and wash before reuse.
- 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. Get medical attention if irritation develops and persists.
- Ingestion:** Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low to avoid getting into the lungs. Call a poison control center if large amounts are ingested. Never give anything by mouth to an unconscious person.

5 FIRE FIGHTING MEASURES

- Flammability:** FLAMMABLE per Flame Projection Test
- Flash Point:** 1°F (-17°C)
- Flash Point Method:** Estimated
- Burning Rate:** Not available.
- Autoignition Temp:** ~465°C
- LEL:** 2%
- UEL:** 12.8%

Means of Extinction:

Suitable Extinguishing Media: Powder, water spray, foam, carbon dioxide.

Unsuitable Extinguishing Media: Not available.

Products of Combustion: May include, and are not limited to: oxides of carbon.

Explosion Data:

Sensitivity to Mechanical Impact: Not available.

Sensitivity to Static Discharge: Not available.

Protection of Firefighters: Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition.

Ruptured cylinders may rocket.

Environmental Precautions: Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Methods for Containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Clean-Up: Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.

7 HANDLING AND STORAGE



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Handling Precautions: HARMFUL IF LARGE AMOUNTS ARE INHALED OR SWALLOWED. CONCENTRATING VAPORS MAY BE HARMFUL. VAPORS MAY CAUSE FLASH FIRE. EYE, SKIN AND RESPIRATORY IRRITANT. Contents under pressure. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing concentrated vapor or mist. Do not puncture container. Vapors can cause flash fires.

Storage Requirements: Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container.

Store in accordance with NFPA 30B for LEVEL 3 AEROSOL.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use ventilation adequate to keep exposures below recommended exposure limits.
Personal Protective Equip: None required with normal use.

INGREDIENTS	OSHA-PEL	EXPOSURE LIMITS	
		ACGIH-TLV	OTHER
2-Propanone	1000 ppm	500 ppm	750 ppm STEL
Propane	Not established	1000 ppm	

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: clear light yellow liquid
Physical State: Mixture packaged in pressurized aerosol spray can.
Odor: characteristic
Solubility: Partially miscible in water
Spec Grav./Density: 0.78 - 0.82 g/ml
Percent Volatile: ~95%
Heat Value: 33.1 kJ/g (calculated)
Boiling Point: ~56°C
Freezing/Melting Pt.: Not established
Flammability: Extremely flammable
Flash Point: 1°F (-17°C)
Vapor Pressure: ~241 hPa @ 20°C (68°F)
Vapor Density: >1 (Air=1)
pH: 6-8
VOC: 29.5%
Evap. Rate: > 1.00 (BuAc=1)
Auto-Ignition Temp: ~465°C



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10 STABILITY AND REACTIVITY

Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Heat, sparks, open flames and temperatures above 120°F
Materials to Avoid:	Strong Acids, Strong Bases, Strong Oxidizing Agents, Strong Reducing Agents.
Hazardous Decomposition:	CO, CO ₂ , and hydrocarbons.
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

Not established

12 ECOLOGICAL INFORMATION

Not established

13 DISPOSAL CONSIDERATIONS

Do not allow into drains or water sources. Waste and empty containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, weather special waste regulations apply.

14 TRANSPORT INFORMATION

DOT Class: Flammable Gas (2.1) #2.1
UN #: UN 1950, Class: 2, Proper Shipping Name: Aerosols, flammable

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*2-Propanone (67641 60-70%) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

*Propane (74986 25-35%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS

CERCLA = Superfund clean up substance
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHA = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level
TXHWL = TX Hazardous Waste List



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Proposition 65 - California Safe Drinking Water and Toxic Enforcement Act of 1986

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

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OTHER INFORMATION

The information provided herein was believed to be accurate at the time of preparation and prepared from a compilation of sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of this product, and to determine the suitability of the product for its intended use.

Author: JB

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Revision No.: 1