

# Material Safety Data Sheet

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## SECTION I - Material Identity

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Item Name..... METERED AEROSOL AIR FRESHNER  
Part Number/Trade Name..... METERED AEROSOL AIR FRESHNER  
7901-7916  
National Stock Number..... 7930P50500006F  
CAGE Code..... HOSPI  
Part Number Indicator..... A  
MSDS Number..... 188487  
HAZ Code..... A

## SECTION II - Manufacturer's Information

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Manufacturer Name..... HOSPITAL SPECIALTY COMPANY  
Street..... 7501 CARNEGIE AVENUE  
City..... CLEVELAND  
State..... OH  
Country..... US  
Zip Code..... 44103-4896  
Emergency Phone..... 800-424-9300 CHEMTREC  
Information Phone..... 800-282-7502

## MSDS Preparer's Information

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Date MSDS Prepared/Revised..... 02JAN97  
Active Indicator..... Y

## Alternate Vendors

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## SECTION III - Physical/Chemical Characteristics

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Appearance/Odor..... AEROSOL AIR FRESHENER  
Boiling Point..... -44 - 490 F  
Melting Point..... NR  
Vapor Pressure..... NR  
Vapor Density..... > AIR  
Specific Gravity..... 0.6746  
Evaporation Rate..... < ETHER  
Solubility in Water..... NE  
Container Type..... R  
Container Pressure Code..... 2  
Temperature Code..... 4  
Product State Code..... L

## SECTION IV - Fire and Explosion Hazard Data

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Flash Point Method.....	UNK
Lower Explosion Limit.....	0.6
Upper Explosion Limit.....	19
Extinguishing Media.....	CO2, DRY CHEMICAL, FOAM, WATER, FOG, ALCOHOL
Special Fire Fighting Procedures.....	WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT. WEAR A FULL FACE POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES.
Unusual Fire/Explosion Hazards.....	MATERIAL IS HIGHLY VOLATILE AND READILY GIVES OFF VAPORS WHICH MAY TRAVEL ALONG THE GROUND OR MOVE BY VENTILATION AND IGNITED. POSSIBLE IGNITION SOURCES SUCH AS; PILOT LIGHT, OTHER FLAMES, SPARKS, HEATERS, SMOKING, ELECTRIC MOTORS, STATIC DISCHARGE OR OTHER IGNITION SOURCES AT LOCATIONS DISTANT FROM MATERIAL HANDLING POINT.

## SECTION V - Reactivity Data

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Stability.....	YES
Stability Conditions to Avoid.....	OPEN FLAMES OR ELECTRICAL ARCS
Materials to Avoid.....	AVOID CONTACT WITH STRONG OXIDIZING AGENTS, STRONG ALKALINES AND STRONG MINERAL ACIDS.
Hazardous Decomposition Products.....	THERMAL - BURNING CAN PRODUCE CARBON MONOXIDE AND / OR CARBON DIOXIDE AND TRACE PHOSGENE GAS.
Hazardous Polymerization.....	NO
Polymerization Conditions to Avoid.....	WILL NOT OCCUR

## SECTION VI - Health Hazard Data

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Route of Entry: Skin.....	YES
Route of Entry: Ingestion.....	YES
Route of Entry: Inhalation.....	YES
Health Hazards - Acute and Chronic.....	[INHAL] MAY CAUSE NERVOUS SYSTEM DEPRESSION, DIZZINESS, HEADACHE, LOSS OF CONSCIOUSNESS, TEMPORARY ALTERATION OF THE HEARTS ELECTRICAL ACTIVITY WITH IRREGULAR PULSE. PREGNANT MOTHERS MAY EFFECT THE CNS OF FETUS CAUSING FETAL ALCOHOL

SYNDROM.

Carcinogenity: NTP..... NO  
 Carcinogenity: IARC..... NO  
 Carcinogenity: OSHA..... NO  
 Explanation of Carcinogenity..... NONE  
 Symptoms of Overexposure..... [INHAL] SHORTNESS OF BREATH,  
 DIZZINESS, AND LIGHTHEADEDNESS  
 [EYES] CAN CAUSE EYE IRRITATION  
 [SKIN] SLIGHT SKIN IRRITATION,  
 CAN CAUSE DERMATITIS [INGEST]  
 MAY CAUSE CHEMICAL PNEUMONIA IF  
 ASPIRATED INTO LUNG.

Medical Cond. Aggrevated by Exposure.... NR  
 Emergency/First Aid Procedures..... [INHAL] REMOVE INDIVIDUAL TO  
 FRESH AIR. GIVE OXYGEN OR  
 ARTIFICIAL RESPIRATION AS  
 NEEDED. KEEP PERSON WARM /  
 QUIET. GET MED ATTENTION.  
 [SKIN] WASH THOROUGHLY WITH  
 SOAP AND WATER. REMOVE  
 CONTAMINATED CLOTHING AND  
 LAUNDRER BEFORE REUSE. [EYE]  
 FLUSH WITH LARGE QUANTITIES OF  
 WATER, IF IRRITATION PERSISTS  
 CONTACT PHYSICIAN. [INGEST] DO  
 NOT INDUCE VOMITING. DRINK TWO  
 GLASSES OF WATER. NEVER GIVE  
 ANYTHING BY MOUTH TO AN  
 UNCONSCIOUS PERSON. CALL A  
 PHYSICIAN IMMEDIATELY.

## SECTION VII - Precautions for Safe Handling and Use

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Steps if Material Released/Spilled..... VENTILATE AREA. REMOVE ALL  
 SOURCES OF IGNITION. CLEAN UP  
 WITH INERT MATERIALS AND  
 DISPOSE OF IN ACCORDANCE WITH  
 ALL LOCAL, STATE, AND FEDERAL  
 REGULATIONS.

Neutralizing Agent..... NR  
 Waste Disposal Method..... AEROSOL CONTAINER; DO NOT  
 PUNCTURE OR INCINERATE. EMPTY  
 CONTAINERS MAY BE DISPOSED OF  
 THROUGH NORMAL CHANNELS. FULL  
 OR PARTIALLY FILLED CONTAINERS  
 ARE CONSIDERED HAZARDOUS WASTE.

Handling and Storage Precautions..... DO NOT STORE IN DIRECT  
 SUNLIGHT, NEAR OPEN FLAMES, OR  
 AT TEMPERATURES EXCEEDING 120  
 F. DO NO SMOKE WHILE SPRAYING.  
 INTENTIONAL MISUSE BY  
 DELIBERATELY CONCENTRATING  
 VAPORS AND INHALING CONTENTS  
 CAN BE HARMFUL OR FATAL.

Other Precautions..... NR

## SECTION VIII - Control Measures

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Respiratory Protection.....	NIOSH/OSHA APPROVED RESPIRATOR TYPES SUITABLE FOR MATERIALS IN SECTION II RECOMMENDED.
Ventilation.....	APPROVED CHEMICAL/MECHANICAL. SUFFICIENT VENTILATION IN VOLUME AND PATTERN
Protective Gloves.....	CHEM RESISTANT SUCHA S POLYVINYL ALCOHOL, POLYETHYLENE
Eye Protection.....	CHEM GOGGLES WITH SIDE SHIELDS OR FACE SHIELD
Other Protective Equipment.....	PROTECTIVE CLOTHING AND EQUIPMENT
Work Hygenic Practices.....	WASH HANDS THOROUGHLY BEFORE EATING AND AFTER HANDLING

## SECTION IX - Label Data

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Protect Eye.....	YES
Protect Skin.....	YES
Protect Respiratory.....	YES
Chronic Indicator.....	YES
Contact Code.....	SLIGHT
Fire Code.....	UNKNOWN
Health Code.....	UNKNOWN
React Code.....	UNKNOWN
Specific Hazard and Precaution.....	TARGET ORGANS: CENTRAL NERVOUS SYSTEM, LIVER, KIDNEY

## SECTION X - Transportation Data

## SECTION XI - Site Specific/Reporting Information

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Volatile Organic Compounds (P/G).....	3.938
Volatile Organic Compounds (G/L).....	471.9253

## SECTION XII - Ingredients/Identity Information

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Ingredient #.....	01
Ingredient Name.....	PETROLEUM DISTALLATES (<30%)
CAS Number.....	64742478
Proprietary.....	NO
Percent.....	30
Ingredient #.....	02
Ingredient Name.....	LIQUIFIED PETROLEUM GAS (<45%)
CAS Number.....	68476857
Proprietary.....	NO
Percent.....	45
Ingredient #.....	03

Ingredient Name..... DENATURED ETHYL ALCOHOL (<30%)  
CAS Number..... 64175  
Proprietary..... NO  
Percent..... 30  
Ingredient #..... 04  
Ingredient Name..... FRAGRANCE (<10%)  
CAS Number..... 1002  
Proprietary..... YES  
Percent..... 10

**NOTICE: For additional information, contact BIOENVIRONMENTAL**

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