

# Material Safety Data Sheet

## Mr. Clearco Food Grade Silicone Spray (2007 formulation)

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Clearco Products Co., Inc.**

3430 G. Progress Drive  
Bensalem, PA 19020  
1(215)639-2640

Product Name: **Mr. Clearco Food Grade Silicone Spray**  
Version Date: 3/26/2007  
24-hour emergency  
Phone: 1-800-424-9300 (CHEMTREC)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS	ACGIH TLV	Exposure Limits	
			OSHA PEL	OTHER
Hydrocarbon propellant	68-476-86-8	800 ppm	None established	None established
Heptane (Aliphatic Hydrocarbon)	142-82-5	400ppm	400 ppm	500 ppm
NJ Trade Secret Registry	#80100382-5037P	None established	None established	None established
Polydimethylsiloxane	63148-62-9			

### 3. HAZARDS IDENTIFICATION

**POTENTIAL ACUTE (single or short term) HEALTH EFFECTS OF OVEREXPOSURE**

**Eye:** May cause eye irritation. Symptoms may include stinging, tearing, and redness.  
**Skin:** Skin contact may cause irritation. Symptoms may include redness, burning, drying and cracking, and other skin damage. Passage of this material into the body through the skin is possible, but is unlikely that this would result in harmful effects during safe handling and use.  
**Ingestion:** Swallowing small amounts during handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage.  
**Inhalation:** Breathing large amounts may be harmful. Symptoms are more typically seen at air concentration exceeding the recommended exposure limits. Symptoms of exposure may include: initial Central Nervous System excitation (euphoria, exhilaration, light-headedness) followed by CNS depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and other CNS effects. Confusion, impaired coordination, coma, and death.

**POTENTIAL CHRONIC (long term) HEALTH EFFECTS IF OVEREXPOSURE:**

**General Effects:** Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals; effects on hearing.  
**Cancer Information:** THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910 (Z)  
**Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

**MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:**

Respiratory disease including asthma and bronchitis

**HAZARDOUS WARNINGS HMIS:**

Health: 1      Flammability: 4      Reactivity: 0      Personal Protective Equipment See Section 8

### 4. FIRST AID MEASURES

**Eyes:** Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.  
**Skin Contact:** In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if symptoms persist. Wash clothing before reuse.  
**Ingestion:** Ingestion is an unlikely route of exposure. Do not induce vomiting. Aspiration into the lungs can cause serious damage. Seek medical attention immediately. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Contact a physician, medical facility, or poison control center for advise on whether to induce vomiting.  
**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Continue your efforts until help arrives or the victim starts to breathe on his own. Do not leave alone. Seek medical attention.

**NOTES TO PHYSICIAN:**

This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ system) may be aggravated by exposure to this material : skin; lung (for example, asthma-like conditions); kidney; central nervous system; auditory system; arrhythmias (irregular heartbeats); Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support.

### 5. FIRE FIGHTING MEASURES

**Fire and/or Explosion Hazards:** Extremely Flammable Gas: can readily form explosive air/gas mixture at room temperature or at lower temperatures that are above the flashpoint. Flammable Liquid: can release vapors that may be ignited at temperatures above or at the flash point. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Empty containers retain product residue and can be dangerous. Hazardous decomposition products may be formed (see Sec.10).  
**Fire Fighting Instructions:** Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus. Use water spray, foam, dry chemicals, or CO2. Apply water from a safe distance to cool container and protect surrounding area.

Aerosol Flame Projection Test: Extremely flammable aerosol, as determined by ASTM D 3065-94. Do not use near ignition sources such as sparks or open flames.

## 6. ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Ventilate contaminated area. Avoid run-off into storm sewers and ditches which may lead to natural waterways. If runoff occurs, notify authorities as required. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly. If runoff occurs, notify authorities as required.

## 7. HANDLING AND STORAGE

Handling: Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area.  
Storage: Store away from incompatible materials such as materials that support combustion (oxidizing materials) and corrosive materials (strong acids or bases).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects).  
Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.  
Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.  
Respiratory Protection: None required for well ventilated situations. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	(air+1) 2.11
Appearance:	Clear Colorless	Evaporation Rate:	0.1-0.1 (n-Butyl acetate +1)
Odor:	Petroleum	Solubility in Water:	Negligible; 0-1%
Specific Gravity:	1 @ 70 deg F	Boiling Point:	11 deg F
Vapor Pressure:	3205.0 mmHg @ 70 deg F	pH:	Not Applicable

## 10. STABILITY AND REACTIVITY

Chemical Stability: Stable.  
Conditions to Avoid: Avoid contact with: Strong oxidizing agents. Ignition sources such as open flames, sparks static discharges or glowing metal surfaces.  
Decomposition Products: Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Various Hydrocarbons. Oxides of siloxanes.

## 11. DISPOSAL CONSIDERATIONS

Disposal: Dispose according to Federal, State and local regulations.

## 12. TRANSPORTATION INFORMATION

DOT Name:	Consumer Commodity	UN Number:	Not applicable
IATA Name:	Consumer Commodity	Hazardous Class:	ORM-D 9 (IATA only)
		Packing Group:	Not applicable

## 13. REGULATORY INFORMATION

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

COMPONENT	CAS#	% BY WEIGHT	Regulatory Body
No components listed in this section.			SARA Section 313

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.  
No components listed in this section. Prop65 Cancer

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.  
No components listed in this section. Prop65 Birth Defects

All components of this product are listed on the TSCA inventory.

**This information in this MSDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of the product are not within the control of Clearco Products Co., it is the user's obligation to determine the conditions of safe use.**