

MATERIAL SAFETY DATA SHEET

PRODUCT NAME	5-56 (Aerosol) #5004, 5005, 5006	# MSDS005004
MANUFACTURED BY:	CRC CHEMICALS	Phone (215) 674-4300
885 LOUIS DRIVE, WARMINSTER, PA. 18974		

1. INGREDIENTS		CAS #	ACGIH TLV	OSHA PEL	Other Limits	%
Petroleum Distillate	64742-47-8	NA	NA	NA	200ppm	53
Propane	74-98-6	NA	NA	1,000	Tested	28
Isobutane	75-28-5	NA	NA	800		
*Inhibited paraffinic oil	NA			For mist 5 mg/m ³		19

*The oil and additives are not hazardous according to OSHA standards

NOTE: The propane and isobutane function only as aerosol propellants

2. PHYSICAL DATA (Without the propellant)			
Specific Gravity	.8167	Vapor Pressure	0.23 mm
Boiling Point	380°F (Initial Evaporation Rate: Slow 0.01 (Toluene = 1))	% Volatile	82%
Freezing Point	NA	Vapor Density	Heavier than air
Appearance and Odor	Amber liquid, pleasant odor		
Solubility	Negligible in water - Dissolves in most organic solvents		

3. FIRE AND EXPLOSION DATA (Without propellant)			
Flashpoint 175°F	Method	COC	Flammable Limits (Propellant)
Extinguishing Media	CO ₂ , Dry Chemical or foam		LEL 1.8 UEL 9.5
Unusual Hazards: The aerosol propellant is a flammable gas, however it quickly dissipates after the application			

4. REACTIVITY AND STABILITY	
Stability	Stable
Hazardous decomposition products: Carbon dioxide, carbon monoxide (in a fire)	
Materials to avoid: Strong oxidizing agents	

5. PROTECTION INFORMATION	
Ventilation	Adequate to maintain mist conc. below 5 mg/kg
Respiratory	Use NIOSH approved mask for high mist concentration
Gloves	Oil resistant
Eye & Face	Safety glasses
Other Protective Equipment	Not normally recommended for aerosol use

MSDS005004

6. HEALTH HAZARD DATA

Primary Routes of Entry: Inhalation & Skin
Signs and Symptoms of Exposure:

1. Acute Overexposure: Eyes--May cause burning & irritation. Skin--Excessive contact may cause drying. Inhalation--Mist may cause breathing problems. Vapors may also cause headaches & nausea.
2. Chronic Overexposure: Prolonged exposure to skin may cause dermatitis.

Medical Conditions Generally Aggravated by Exposure: NA

Chemical Listed as Carcinogen or Potential Carcinogen	Yes ☐ No ☒	National Toxicology Program	Yes ☐ No ☒	IARC Monographs	Yes ☐ No ☒	OSHA No ☒ Yes ☐
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Emergency and First Aid Procedures (If symptoms persist call a doctor)

1. Inhalation: Remove to fresh air - apply artificial respiration if necessary
2. Eyes: Flush for 15 minutes with large amounts of water
3. Skin: Remove contaminated clothing. Wash exposed skin with soap.
4. Ingestion: Do not induce vomiting. Call a doctor.

7. SPILL OR LEAK PROCEDURES

Precautions to be taken in Handling and Storage: Store in a cool dry area.

Steps to be taken in case Materials are released or spilled: Usually not an aerosol problem. Ventilate area.

Remove sources of ignition. Use adsorbent to pick up waste material.

Waste Disposal: Discarded filled cans or partially used cans are Hazardous Waste - Observe Federal, State and local regulations

8. SPECIAL PRECAUTIONS AND USE DIRECTIONS

Aerosol cans may explode if their contents are heated above 130°F.

RCC#1013

PREPARED BY: A. P. Reed
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