

MATERIAL SAFETY DATA SHEET

PRODUCT NAME	Clean-R-Carb (aerosol) #05079, D5081	# MSDS005080
MANUFACTURED BY	CRC CHEMICALS	Phone (215) 674-4300
885 LOUIS DRIVE, WARMINSTER, PA 18974		

1. INGREDIENTS	CAS #	ACGIH TLV	OSHA PEL	Other Limits	%
Xylene	1330-20-7	100	100		23
Toluene	108-88-3	100	200		60
Acetone	67-64-1	750	1000		4
2 Butoxy Ethanol	111-76-2	25	50		4
Detergent	NA	NA	NA		<1
Methanol	57-56-1	200	200		4
Carbon Dioxide	124-38-9	5000	5000		4
NOTE: Pressure of aerosol container is 85 at 70°F					

2. PHYSICAL DATA (does not include CO₂ propellant)

Specific Gravity	0.871	Vapor Pressure	NA	% Volatile	>99
Boiling Point	Initial 176°F	Evaporation Rate	Moderately fast		
Freezing Point	NA	Vapor Density	NA		
Appearance and Odor	Light amber colored liquid, aromatic odor				
Solubility	Partially soluble in water.				

3. FIRE AND EXPLOSION DATA

Flashpoint	56°F	Method	TCO	Flammable Limits	NA
Extinguishing Media	CO ₂ , Dry chemicals, foam		LEL	-- UEL --	
Unusual Hazards	Aerosol cans may explode when heated above 130°F				

4. REACTIVITY AND STABILITY

Stability Stable

Hazardous decomposition products CO₂, carbon monoxide (thermal)

Materials to avoid strong oxidizing agents and sources of ignition

5. PROTECTION INFORMATION

Ventilation Use mechanical means to insure vapor concentration below TLV.

Laboratory Use self contained breathing apparatus above TLV concentrations.

Gloves Solvent resistant Eye & Face Safety glasses

Other Protective Equipment Use aprons and boots if body may come in contact with solvents.

6. HEALTH HAZARD DATA

Primary Routes of Entry Inhalation, skin

Signs and Symptoms of Exposure

1 Acute Overexposure Inhalation - Dizziness, breathing difficulties, nausea, may irritate respiratory tract. Eyes - May be irritating. Skin - tends to dry or defat skin.

2 Chronic Overexposure Contact dermatitis

Medical Conditions Generally Aggravated by Exposure Sneezing problems

Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	ARC Monographs	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	OSHA	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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Emergency and First Aid Procedures (if symptoms persist, consult a physician)

1 Inhalation Remove to fresh air, apply artificial respiration if needed

2 Eyes Flush with large amounts of water

3 Skin Wash with water - Remove contaminated clothing

4 Ingestion Do not induce vomiting, consult a physician

7. SPILL OR LEAK PROCEDURES

Precautions to be taken in Handling and Storage Store in a cool, dry place

Steps to be taken in case Material is released or spilled Remove any source of ignition, ventilate area. Dike area and pump into drums or use absorbant material to pick up.

Waste Disposal Treat as hazardous waste in accordance with local, State, and Federal regulations

8. SPECIAL PRECAUTIONS AND USE DIRECTIONS

Aerosol containers may explode if exposed to temperatures over 130°F

Vapors are heavy and will collect in low areas. Make sure there are no sources of ignition in areas where vapors collect

PREPARED BY Allen B. Reed

ORIGINAL DATE OR DATE OF REVISION May 1988