

# CHOKE AND CARBURETOR CLEANER

**CHOKE AND CARBURETOR CLEANER** is a ultra high volatility and solvency formulation that dissolves carburetor deposits and fuel system contaminants such as gum, sludge and varnish. **CHOKE AND CARBURETOR CLEANER** helps improve fuel system performance and insures maximum fuel economy while increasing life of the pistons, rings and cylinder walls. It will not harm oxygen sensors or catalytic converters. **CHOKE AND CARBURETOR CLEANER** reduces fuel consumption, improves acceleration and helps assure quick starts. Great for cleaning manifold heat control and PCV valves. Cleans and frees parts with carburetor in place, eliminating expensive man hours for disassembly.



FOR USE BY	FOR USE ON	FEATURE-BENEFIT
Auto Repair Shops	Chokes	Cleans Without Disassembly
Diesel Repair Shops	Carburetors	Strong Flush Action
Bus Line Shops	Vacuum Pistons	Non-Corrosive
Car Rentals	Thermostatic Coils	Dissolves Carbon Deposits
City Maintenance	Engine Parts	Dries Fast
County Fleet	Motors	Leaves No Residue
Fork Lift Companies	Manifold Heat Control Valves	Improves Gas Mileage
Garages	PCV's	Quick Starts
Golf Maintenance	Generators	Increases Life of Pistons, Rings & Cylinder Walls
Machine Shops	Starters	
Postal Services	Throttle Bodies on Fuel Injected Engines	
	Throttle Linkages on Diesel Engines	

## DIRECTIONS

**Carburetor and Linkage:** With ignition off and engine cool, remove air filter cleaner and spray entire exterior surface of carburetor including linkage, springs and housing. After carburetor dries, start engine and spray down the carburetor throat to remove the deposits from the lower throttle area.

**Automatic Chokes:** With engine off, spray cleaner on both ends of the choke valve and corresponding linkages while opening and closing choke by hand.

**Manifold Heat Control Valve:** With engine cold spray on both ends of heat control valve shaft. Move counterweight up and down until valve moves freely. If necessary tap gently with a light hammer to loosen frozen heat control valve.

**PCV Valve:** Disconnect crank case side of PCV valve and with engine running spray into open end of valve while working the plunger back and forth. Read entire label before using this product. Use of this product may cause a flash fire or engine backfire, which may result in injury. Do not spray on hot metal surfaces or when engine is hot.

## TECHNICAL DATA

Appearance and Odor: Clear Colorless Liquid, Aromatic Odor  
 Flash Point of Concentrate: 0° F (T.C.C.)  
 Flammability: Extremely Flammable Spray  
 Specific Gravity: 0.839  
 Propellant: Carbon Dioxide Propellant  
 Spray Pattern: Fan Spray  
 NFPA Fire Rating: Level 3 Aerosol

# CHOKE AND CARBURETOR CLEANER

## CONTACT INFORMATION

**OFFICE:**  
**1-888-6PURITY (678-7489)**  
**FAX**  
**1-877-9PURITY (978-7489)**  
**ADDRESS:**  
**114 SOUTHFIELD PKWY**  
**SUITE 120**  
**FOREST PARK GA. 30297**  
[www.puritychemicals.com](http://www.puritychemicals.com)

**MATERIAL SAFETY DATA SHEET**  
COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)



**SECTION I · PRODUCT IDENTIFICATION**

**Product Name:** SUPER CHARGE Choke & Carburetor Cleaner  
**Product Number:** 509  
**Product Type:** AEROSOL  
**Supplier's Name:** Purity Chemicals, Inc.  
**Supplier's Address:** P.O. Box 188 Forrest Park, GA 30297  
**D.O.T. Hazard Class:** CONSUMER COMMODITY · ORM-D

**Formula:** Proprietary  
**Date Prepared:** 12/21/07  
**Emergency Phone:** (800) 535-5053  
**Information Phone:** (404) 363-0767

**HMIS Rating (Based on Aerosol Conc.):**  
0-Minimal 1- Slight 2- Moderate  
3- Serious 4- Extreme  
**HEALTH:** 2 **FIRE:** 3 **REACTIVITY:** 0  
**Personal Protection :** B

**SECTION II · INGREDIENTS**

CHEMICAL NAME	CAS #	%WT	313/Chem	Skin	Carcinogen	PEL	TLV-TWA
Acetone	67-64-1	45 - 55	NO	NO	NO	1000 ppm	500 ppm
Toluene	108-88-3	22 - 32	YES	NO	NO	100 ppm	20 ppm
Methanol	67-56-1	15 - 25	YES	NO	NO	200 ppm	200 ppm
Dimethoxypropane	77-76-9	1 - 5	NO	NO	NO	N/E	N/E
Carbon Dioxide Propellant	124-38-9	1 - 10	NO	NO	NO	5000 ppm	5000 ppm

**SECTION III · PHYSICAL DATA**

**Data Below Based On Aerosol Concentrate Only:**

**Boiling Point:** 131° F  
**pH:** N/A  
**Solubility In Water:** Partial  
**Appearance/Odor:** Clear, colorless liquid with strong solvent odor

**Vapor Density (Air=1):** N/D  
**Specific Gravity (H<sub>2</sub>O=1)@75°F:** 0.815

**Data Below Based On Total Contents:**

**Vapor Pressure of can (psig @70°F):** ND  
**Total VOC %:** 45.00%

**SECTION IV · FIRE AND EXPLOSION DATA**

**Flash Point (of Concentrate Only):** <0°F (T.C.C)

**Flammability (as per USA Flame Projection Test):** Extremely Flammable Spray

**Extinguishing Media:** Foam, CO<sub>2</sub>, Dry Media

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.

**Unusual Fire and Explosion Hazards:** Exposure to temperature above 120° F may cause bursting.

**SECTION V · REACTIVITY DATA**

**Stability:** Material Stable.

**Hazardous Polymerization:** Will not occur.

**Incompatibility:** Avoid contact with strong oxidizing agents and sources of ignition.

**Hazardous Decomposition Products:** Carbon Dioxide, Carbon Monoxide.

**SECTION VI · STORAGE AND HANDLING**

**KEEP OUT OF REACH OF CHILDREN.**

For Industrial and Institutional use only.

Store in a cool, dry area away from heat or open flame.

Do not store at temperatures above 120° F.

**NFPA Code 30B Rating:** Level 3 Aerosol.

**SECTION VII · HEALTH AND FIRST AID**

**PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:**

**Eyes:** May cause irritation.

**Skin:** Frequent or prolonged contact may cause irritation and defatting of skin. May aggravate existing skin conditions.

**Inhalation:** Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, breathing difficulties, anesthetic effects, nausea and other central nervous system effects.

**Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause pulmonary injury.

**FIRST AID PROCEDURES:**

**Eyes:** Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.

**Skin:** Remove contaminated clothing. Wash affected areas with soap and water. If irritation persists seek medical attention.

**Inhalation:** Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.

**Ingestion:** Do not induce vomiting. Seek medical attention immediately.

**SECTION VIII · SPECIAL PROTECTION DATA**

**Respiratory Protection:** None needed for proper use in accordance with label directions. Use approved NIOSH Organic Vapor Respirator or self-contained breathing apparatus if accumulation of vapors is expected.

**Ventilation:** Provide local exhaust to keep concentration of ingredients listed in Section II below acceptable exposure limits.

**Protective Gloves:** Use chemical resistant gloves if hand contact will be made.

**Eye Protection:** Wear safety glasses or chemical proof goggles.

**SECTION IX · SPILL OR LEAK PROTECTION**

**STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:** Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.

**WASTE DISPOSAL METHOD:** Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN · >=MORE THAN

**NOTICE:** The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.