

**CAM2 CARB & CHOKE CLEANER**

5/19/97

**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MSDS: 7031

Formula: SEE SECTION 2

Part Number: 70012/71312

Synonyms:

DESCRIPTION: AEROSOL CARBURETOR CLEANER CONTAINING ORGANIC SOLVENTS

Manufacturer

THE PENRAY COMPANIES, INC.  
440 DENNISTON COURT  
WHEELING, IL 60090

Phone: 847-459-5000  
Emergency: 1-800-752-7869 X7

Supplier

CAM2 OIL PRODUCTS, INC.  
380 W. Butler Avenue  
New Britain, PA 18901

Phone: 215-340-2262  
Emergency: 1-800-942-5969 X7

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**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

COMPONENT NAMES	% OF PRODUCT	EXPOSURE LIMITS			
		OSHA TWA		ACGIH	
		PPM	MG/M3	PPM	MG/M3
TOLUENE CAS #: 108883	BT 40 50	100	375	100	375
XYLENE CAS #: 1330207	BT 40 50	100	434	100	434
CARBON DIOXIDE CAS #: 124389	BT 1 5	5000	9000	5000	9000
ACETONE CAS #: 67641	BT 5 10	750	1800	750	1780

**SECTION 3 - HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW: Harmful if inhaled, swallowed, or absorbed through skin.

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POTENTIAL HEALTH EFFECTS

CARCINOGENICITY: Product not considered a carcinogen by OSHA, NTP, or IARC.

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY EXPOSURE: Pre-existing eye or skin conditions may be aggravated by overexposure to this product.

TARGET ORGANS: Central nervous system, liver, lungs, kidneys

PRIMARY ENTRY ROUTES: Skin absorption and inhalation

ACUTE HEALTH EFFECTS

EYE CONTACT: Will cause irritation upon contact.

SKIN CONTACT: Prolonged or repeated contact with skin can cause irritation.

INHALATION: Respiratory irritation and dizziness.

INGESTION: Over exposure to the ingrediants in this product can cause liver abnormalities and kidney damage.

CHRONIC HEALTH EFFECTS: Overexposure to the ingrediants in this product may cause liver abnormalities and kidney damage.

HMIS Ratings:           2 HEALTH                   4 FLAMMABILITY                   0 REACTIVITY  
                  0=Insignificant           1=Slight                   2=Moderate                   3=High                   4=Severe

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SECTION 4 - FIRST AID MEASURES  
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EYE CONTACT: Immediately flush eyes with plenty of water for 15 minutes. Seek medical attention.

SKIN CONTACT: Wash area with soap and water. Seek medical attention if irritation persists.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention.

INGESTION: DO NOT induce vomiting. Give CONSCIOUS victim glass of water and seek medical attention. NEVER give water to unconscious victim.

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SECTION 5 - FIRE FIGHTING MEASURES  
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Closed Cup Flash Pt. .: BT                   1 F                   45 F  
Open Cup Flash Point .: NG  
Fire Point . . . . .: NG  
Auto Ignition . . . . .: NG  
Lower Explosion Limit : NG  
Upper Explosion Limit : NG

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EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: Vapors are heavier than air and can collect in low areas.

FIRE FIGHTING INSRUCTIONS: Containers can build up pressure if exposed to fire. Containers should be cooled with water spray.

FIRE FIGHTING EQUIPMENT: Self contained breathing apparatus with full face piece operated in pressure demand or positive pressure mode.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL/LEAK PROCEDURES: Notify safety personnel, evacuate all unnecessary personnel, and provide adequate ventilation. If feasible without risk, clean-up personnel should stop leak. All clean-up personnel should wear proper personal protective equipment.

SMALL SPILL: Clean with inert absorbant and place in recovery drums for disposal.

LARGE SPILL: Dike to prevent further migration of material. Do not release into waterways or sewers. Follow applicable OSHA regulation 20CFR1910.120

NOTE: Product in aerosol container. Spill hazard unlikely.

SECTION 7 - HANDLING AND STORAGE

STORAGE REQUIREMENTS: Store in clean, dry locations away from excessive heat. Store in areas designated for the storage of (Level II) aerosols according to NFPA 30B (Manufacture and Storage of Aerosol Products).

HANDLING PRECAUTIONS: Wash thoroughly after handling. Do not get into eyes, on skin, or on clothing. Do not smoke while using this product. Do not use near excessive heat, sparks, or open flame.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION EQUIPMENT

ENGINEERING CONTROLS: Eye wash station and safety shower.

VENTILATION: Strong general or local exhaust ventilation.

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PERSONAL PROTECTIVE EQUIPMENT

EYE PROTECTION: Chemical splash goggles with indirect or no ventilation.

SKIN PROTECTION: Chemical resistant glove such as nitrile or neoprene.

RESPIRATORY PROTECTION: Wear organic vapor air purifying respirator when working with this product.

COMMENTS: Never eat, drink, or smoke in work areas.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES  
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Boiling Point .....	BT	232 F	279 F	
Specific Gravity .....	BT	0.785	0.870	
Vapor Pressure .....	BT	22	181	mmHg
Vapor Density .....	BT	2	3.4	
Percent Volatiles .....		100%		

Evaporation Rate .....

pH .....

Molecular Weight .....

Solubility in Water ..: PARTIALLY

Odor/Appearance/Other Characteristics:

COLORLESS LIQUID, ORGANIC SOLVENT ODOR

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SECTION 10 - STABILITY AND REACTIVITY INFORMATION  
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STABILITY: Material is stable.

POLYMERIZATION: Hazardous polymerization cannot occur.

CHEMICAL INCOMPATIBILITIES: Strong oxidizing agents.

CONDITIONS TO AVOID: Excessive heat, open flame.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, Carbon Dioxide, various hydrocarbons.

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SECTION 11 - TOXICOLOGICAL INFORMATION  
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---CHEMICAL NAME-----

toluene	---LD50---
Carbon Dioxide	7.71 mg/kg (oral)
acetone	no data
xylene	10.7 ml/kg (oral)
	7.53 g/kg (oral)

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SECTION 12 - ECOLOGICAL INFORMATION  
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No data.

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SECTION 13 - DISPOSAL CONSIDERATIONS  
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As a waste, this product =DOES MEET= the criteria of a hazardous waste as defined by RCRA (40CFR361). As a waste, this product can be fuel blended at a fuel blending facility.

Dispose of in accordance with all applicable state, federal and local regulations.

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SECTION 14 - TRANSPORTATION INFORMATION  
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## Shipping Regulations

UN/NA Number: UN1950  
DOT Hazard Class: ORM-D  
Shipping Label: NONE  
Shipping Name: :

DOMESTIC: Consumer Commodity ORM-D.

PORT: Aerosol Dispensers, UN 1950, IMCO 9.0, Page 9022

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SECTION 15 - REGULATORY INFORMATION  
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## U.S. FEDERAL REGULATIONS

OSHA: Considered hazardous as defined by 29CFR1910.1200

## EPA SARA Title III

Section 311-312 (40CFR370): If stored in excess of the threshold quantities, this product should be reported as a(n)

- Immediate (acute) health hazard
- Delayed (chronic) health hazard
- Sudden Release hazard
- Fire Hazard

Section 313 (40CFR372): This product contains the following ingrediants which are subject to the reporting requirements of SARA 313.

- Toluene
- Xylene
- Acetone

## STATE REGULATIONS

California Propostion 65: This product contains the following ingrediand which is listed on current Proposition 65 list:  
- Toluene

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SECTION 16 - OTHER INFORMATION  
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## Preparer's Name &amp; Title:

Paul A. Zoubek, ENVIRONMENTAL HEALTH & SAFETY MANAGER

Preparation Date: 2/22/96

MSDS NUMBER: 7031

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NOTES: NG = "Not Given"  
BT = "Between"  
< = "Less Than"  
> = "Greater Than:"

USER'S RESPONSIBILITY: This MSDS provides environmental, health, and safety information. This product is to be used in applications consistent with our product literature and container label. Individuals handling this product should be informed of the recommended safety precautions and have access to this MSDS. Please contact your local sales representative or our Environmental Health and Safety Department for further information.

END OF MSDS