

# Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements

# U.S. Department of Labor

Occupation Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY <b>KLEEN CARB (120060)</b>	<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>
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## Section I

D.O.T. Hazard Class: Consumer Commodity ORM-D

Manufacturer's Name <b>Beaver Research Company</b>	Emergency Telephone Number <b>1-800-535-5053</b>
Address (Number, Street, City, State, and ZIP Code) <b>3700 E. Kilgore Road, Portage MI 49002</b>	Telephone Number For Information <b>1-800-544-0133</b>
HMIS RATING: (Based on Aerosol Concentrate): 0-Minimal; 1-Slight; 2-Moderate; 3-Serious; 4-Extreme HEALTH ..... 2 REACTIVITY ..... 0 FIRE.....3 Personal Protection: B	Date Prepared <b>12/21/07</b> Signature of Preparer (optional)

## Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS#	PEL	TWA-TLV	313/Chem	% WT
Acetone	67-64-1	1000 ppm	500 ppm	No	45-55
Toluene	108-88-3	100 ppm	20 ppm	Yes	22-32
Methanol	67-56-1	200 ppm	200 ppm	Yes	15-25
Dimethoxypropane	77-76-9	N/E	N/E	No	1-5
Carbon Dioxide Propellant	124-38-9	5000 ppm	5000 ppm	No	1-10

## Section III - Physical/Chemical Characteristics

Boiling Point	131°F	Specific Gravity (H2O = 1) @75°F:	0.815
Vapor Pressure OF CAN (psig @70°F):	N/D	Melting Point	N/A
Vapor Density (AIR = 1)	N/D	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Partial	pH N/A	Total VOC %	45.00%

Appearance and Odor

Clear, colorless liquid with strong solvent odor.

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) < 0°F (T.C.C.)	Flammable Limits (as per USA Flame Projection Test) Extremely Flammable Spray	LEL N/A	UEL N/A
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Extinguishing Media

Foam, CO2, 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 temperatures above 120°F may cause bursting.

## Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	N/A
	Stable		X

Incompatibility (Materials to Avoid)

Avoid contact with strong oxidizing agents, sources of ignition.

Hazardous Decomposition or Byproducts

Carbon Dioxide, Carbon Monoxide.

Hazardous	May Occur	Conditions to Avoid	N/A
Polymerization	Will Not Occur		X

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation?	Skin?	Eyes?	Ingestion?
	Yes	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

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

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	NA	NA	NA

Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

May aggravate existing skin conditions.

Emergency and First Aid Procedure

**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 VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

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.

Precautions to be Taken in Handling and Storage

KEEP OUT OF THE REACH OF CHILDREN. For Industrial & 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.

Other Precautions

N/A

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)

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	Local Exhaust	Yes	Special	N/A
	Mechanical(General)	N/A	Other	N/A

Protective Gloves

Use chemical resistant gloves if hand contact will be made.

Other Protective Clothing or Equipment

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

Work/Hygienic Practices

No smoking around this material.

N/A=Not Applicable - N/E=Not Established - N/D=Not Determined - &lt;=Less Than - &gt;=More Than

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.