

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

POWER KLEAN I (210331)

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.

Section I

Manufactured For:

Beaver Research Company

Emergency Telephone Number

1-800-255-3924 (Chem-Tel)

Address (Number, Street, City, State, and ZIP Code)

3700 E. Kilgore Road, Portage, MI 49002

Telephone Number For Information

269-382-0133

HMIS RATINGS:

4=Severe 1=Slight
3=High 0=Minimal
2=Moderate

Health: 1
Flammability: 1
Reactivity: 0
Special Protection:

Date Prepared

01/08/99

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical
Identity; Common Name(s))

CAS No.

OSHA PEL

ACGIH TLV

Other Limits
Recommended

%
(optional)

Petroleum Distillate

64742-46-7

100 mg/m³

100 mg/m³

50-60

Section III - Physical/Chemical Characteristics

Boiling Point

Above 400°F

Specific Gravity (H₂O = 1)

0.949

Vapor Pressure (mm Hg)

N/A °F

% Volatile by Volume

N/A

Vapor Density (AIR = 1)

N/A

Evaporation Rate
(Butyl Acetate = 1)

N/A

Solubility in Water

Complete

pH

Appearance and Odor

Amber Clear liquid, Pine scent

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

200°F (ASTM D-56)

Flammable Limits

N/A

LEL

UEL

Extinguishing Media

CO₂, dry chemical, foam

Special Fire Fighting Procedures

The material as received will not support combustion, however its residue may. Therefore, procedures for an oil fire should be followed. Use self contained breathing apparatus. Use foam or dry chemical to extinguish fire. Water may be used ONLY to keep surrounding containers cool.

Unusual Fire and Explosion Hazards

Section V - Reactivity Data

Stability

Unstable

Stable

X

Conditions to
Avoid

None

Incompatibility (Materials to Avoid)

Light metals like Tin, Zinc, Aluminum

Hazardous Decomposition or Byproducts

Oxides of Carbon and Hydrogen.

Hazardous

May Occur

Polymerization

Will Not Occur

X

Conditions to
Avoid

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
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Health Hazards (Acute and Chronic)

Skin: May cause irritation including burns on repeated or short term exposure. **Eyes:** May be destructive to eye tissue on contact. **Ingestion:** Can cause tissue damage to throat, stomach, and esophagus. **Inhalation:** May cause upper-respiratory irritation which could lead to chemical pneumonia.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
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Signs and Symptoms of Exposure

Medical Conditions Generally Aggravated by Exposure

Emergency and First Aid Procedure

Eyes: Flush eyes immediately with water for at least 15 minutes or until irritation subsides. If irritation persists, consult a physician. **Skin:** Immediately remove soaked or contaminated clothing. Wash skin thoroughly with soap and water. Launder all contaminated clothing before reuse. If skin irritation or rash develops obtain medical assistance. **Ingestion:** Give large amounts of water or milk. Do not induce vomiting. Obtain emergency medical attention. **Inhalation:** not likely to occur except as a mist. Move to fresh air and provide oxygen if necessary. Obtain emergency medical attention.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Absorb spillage with inert materials. Contain spill and keep from entering waterways or sewers. Advise EPA/state agency if required. Use personal protective equipment. Shovel, sweep or vacuum spill.

Waste Disposal Method

Follow federal, state and local regulations. RCRA hazardous waste if uncontaminated. If "used" RCRA criteria must be determined. Do not flush into drain/storm sewer use an authorized disposal service. If permitted incineration may be practical. Recommend recycling.

Precautions to be Taken in Handling and Storage

Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty containers can contain explosive vapors. NFPA Class IIIB storage. Do not allow product to freeze. If product freezes allow product to thaw completely prior to use.

Other Precautions

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Not required if adequate ventilation. If occupational exposure limits are exceeded wear NIOSH approved apparatus.

Ventilation	Local Exhaust	Special
	Mechanical(General)	Other

Protective Gloves

Acceptable materials for gloves are polyvinyl chloride; neoprene; polyvinyl alcohol; nitrile; viton

Eye Protection

Glasses or goggles. Have suitable eye wash water available

Other Protective Clothing or Equipment

If there is a likelihood of splashing, an oil resistant clothing should be worn. Never wear oil soaked clothing. Launder or dry clean before wearing. Discard oil soaked shoes.

Work/Hygienic Practices

Wash thoroughly after handling. Do not use gasoline, solvents, kerosene, or harsh abrasive skin cleaners for washing exposed skin areas. Take a shower after work if general contact occurs. Remove soaked clothing and launder before reuse. Launder or discard contaminated shoes and leather gloves.