

Permatex, Inc.
10 Columbus Blvd.
Hartford, CT 06106 USA
Telephone: 1-87-Permatex
(877) 376-2839
Emergency: 800-255-3924
International Emergency: +01-813-248-0585

Canadian Corporate Office:
ITW Permatex Canada
8450 Lawson Road, Unit 1
Milton, ON L9T 0J8
Toll Free: (800) 924-6994
(905) 693-8900
Emergency: ChemTel (800) 255-3924

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: Power Kleen
Product Type: Concentrated Cleaner/Degreaser
Product Trade Name: C97001

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
OCTYLIMINODPROPIONATES 68610-74-2	1-5	NA	NA
ETHANOLAMINE 141-43-5	1-5	3 ppm	3 ppm; 6 mg/m ³
ALCOHOL ETHOXYLATE MIXTURE	1-5	NA	NA
ETHYLENEDIAMENETETRAAC ETIC ACID 60-00-4	1-5	NA	NA

3. HAZARDS IDENTIFICATION

Effects of Acute Exposure: Prolonged or repeated use of concentrated product may cause eye and skin irritation
High concentrations of vapor or mist may be harmful or irritating if inhaled.
Ingestion may cause abdominal pain, vomiting

Primary Routes of Entry: Eye and skin contact, inhalation

Signs and Symptoms of Exposure: Overexposure may cause eye and skin redness May cause inflammation of mucous membranes and irritation
Ingesting may cause abdominal pain and vomiting

Medical Conditions Recognized as Being Aggravated by Exposure: None known. Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

Chronic Health Hazard Comments: None known
The health effects listed above apply to this product in its concentrated state. When it is used according to the recommended dilution guide found on the product label, it is significantly milder and less irritating than the concentrate, upon exposure.

4. FIRST AID MEASURES

Eye Contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Contact a physician if irritation persists.

Skin Contact: Immediately remove contaminated clothing and excess contaminant. Flush with water for at least 15 minutes. Wash thoroughly with soap and water. Consult a physician if irritation develops

Ingestion: If swallowed, DO NOT induce vomiting. Give victim water, call a physician immediately. Never give anything by mouth to an unconscious person

Inhalation: Move to fresh air; get medical attention if symptoms persist

Notes to Physician: Treat symptomatically

Product Name: Power Kleen

5. FIRE FIGHTING MEASURES

Flash Point °F(C°):

~166°F/~74.4°C Estm.

Recommended Extinguishing Media:

Carbon dioxide, Dry chemical, Foam

Special Fire-Fighting Procedures:

Wear suitable protective equipment. Use water spray to cool exposed containers.

Hazardous Products of Combustion:

Carbon monoxide, Carbon dioxide, Oxides of nitrogen

Unusual Fire/Explosion Hazards:

Does not sustain combustion (ASTM D4206).

Sensitivity to Static Discharge:

Sensitivity to static discharge is not expected

Mechanical Sensitivity:

None reasonably foreseeable

Lower Explosive Limit:

Not determined

Upper Explosive Limit:

Not determined

6. ACCIDENTAL RELEASE MEASURES

Spills may cause slippery floors. Prevent spill from entering drainage/sewer systems, waterways and surface water. Notify local health authorities and other appropriate agencies if such contamination occurs.

7. HANDLING AND STORAGE

Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Store below 100°F. Do not allow freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses

Skin: Chemical resistant gloves

Ventilation: Use only in well ventilated area.

Respiratory Protection: Not required under normal use

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Green liquid

Odor: Lemon

Boiling Point: ~212°F/~100°C

Freezing Point: ~32°F/ ~0°C

pH: ~9.8

Solubility in Water: Completely soluble

Specific Gravity: ~1.018 g/ml

Vapor Pressure: ~18 mm Hg

Vapor Density (Air=1): >1

% Volatile: ~90

VOC(Wt.%): <4% by weight

Evaporation Rate: <1 (butyl acetate = 1)

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Hazardous Polymerization: Will not occur.

Incompatibilities: Strong oxidizers

Conditions to Avoid: Avoid temperatures greater than 100°F. Freezing conditions.

Hazardous Products of Combustion: Carbon monoxide, Carbon dioxide, Oxides of nitrogen

11. TOXICOLOGICAL INFORMATION

Product Toxicity

Eyes:
No data available

Skin:
No data available

Inhalation LC50:
No data available

Oral LD50:
No data available

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

Ground Transport (DOT)

DOT Shipping Name: Not Regulated

Hazard Class: None

UN/ID Number: None

TDG(Transport of Dangerous Goods) Canada

Proper Shipping Name: Not Regulated

Product Name: Power Kleen

14. TRANSPORTATION INFORMATION

Hazard Class: None
UN/ID No: None

15. REGULATORY INFORMATION

SARA 302 Extremely Hazardous Substances: None
SARA 313 Toxic Chemicals: None
SARA (311, 312) Hazard Class: Acute health hazard

TSCA Inventory Status: All components of this product are listed (or exempt) on the EPA TSCA inventory.

California Proposition 65: No California Prop 65 chemicals are known to be present.

WHMIS Hazard Class: D2B TOXIC MATERIALS - IRRITANT

16. OTHER INFORMATION

HEALTH 1, FLAMMABILITY 0, PHYSICAL HAZARD 0, PERSONAL PROTECTION B
HMIS is a registered trademark of the National Paint and Coatings Assn.

Estimated NFPA Rating:
HEALTH 1, FLAMMABILITY 0, REACTIVITY 0
NFPA is a registered trademark of the National Fire Protection Assn.

Prepared By: Denise Boyd, Manager-Environmental, Health & Safety
Company: Permatex, Inc. 10 Columbus Blvd. Hartford, CT USA 06106
Telephone No.: 1-87-Permatex (877) 376-2839

Revision Date: February 12, 2010
Formula Index: 04

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