

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

ITW Permatex Canada
35 Brownridge Road, Unit 1
Halton Hills, ON Canada L7G 0C6
Telephone: (800) 924-6994
Urgence: 800-255-3924 (ChemTel)

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: Fireplace Cleaner 22 fl.oz
Product Type: Cleaner
Item Number: 15022

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
DIPROPYLENE GLYCOL MONONBUTYL ETHER 29911-28-2	1-5	NA	NA
ETHANOLAMINE 141-43-5	1-5	3 ppm	3 ppm; 6 mg/m ³
2-BUTOXYETHANOL 111-76-2	1-5	20 ppm	50 ppm; 240 mg/m ³

3. HAZARDS IDENTIFICATION

Effects of Acute Exposure: May cause eye and skin irritation
May irritate respiratory system upon frequent or prolonged use

Primary Routes of Entry: Eyes, Skin, Inhalation

Signs and Symptoms of Exposure: Overexposure may cause eye and skin redness. Eye irritation may be severe and result in injury. Ingestion may cause nausea and vomiting. Irritating to mucous membranes.

Aggravated Medical Condition: Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

Chronic Health Hazard None known

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: Remove contaminated clothing and launder before reuse. Rinse immediately with plenty of water for at least 15 minutes. Wash off with soap and water. If skin irritation persists, call a physician.

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 in case of accidental inhalation of vapours. If symptoms persist, call a physician.

Notes to Physician: Treat symptomatically

5. FIRE FIGHTING MEASURES

Flash Point °F(C°): Not Determined

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: Oxides of carbon, Oxides of nitrogen

Unusual Fire/Explosion Hazards: Does not sustain combustion (ASTM D4206).

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5. FIRE FIGHTING MEASURES

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

Prevent from entering waterways or sewers. Notify local health authorities and other appropriate agencies if such contamination occurs. Clean up spills thoroughly as residue is slippery.

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 freeze.

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:

Clear liquid

Odor:

Lemon.

Boiling Point:

~212°F/~100°C

Freezing Point:

~32°F/ ~0°C

pH:

~12.3

Solubility in Water:

Completely soluble

Specific Gravity:

~1.005 g/ml

Vapor Pressure:

~18 mm Hg

Vapor Density (Air=1):

>1

% Volatile:

~94

VOC(Wt.%):

<4%

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:

Oxides of carbon, 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

U.S. Department of Transportation - DOT - 49 CFR (Ground)

DOT Shipping Name:

Not regulated

Hazard Class:

None

UN/ID Number:

None

TDG(Transport of Dangerous Goods) Canada

Proper Shipping Name:

Not regulated

Hazard Class:

None

UN/ID No:

None

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15. REGULATORY INFORMATION

SARA 302 Extremely Hazardous Substances:

None

SARA 313 Toxic Chemicals:

2-butoxyethanol (Glycol ethers)

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

Estimated HMIS Classification:

HEALTH 1, FLAMMABILITY 0, PHYSICAL HAZARD 0, PERSONAL PROTECTION B

HMIS is a registered trademark of the National Paint and Coatings Association

Estimated NFPA Rating:

HEALTH 1, FLAMMABILITY 0, REACTIVITY 0

(NFPA is a registered trademark of the National Fire Protection Association)

Prepared By:

Denise Boyd, Manager-Environmental, Health & Safety

Company:

ITW Permatex 10 Columbus Blvd. Hartford, CT USA 06106

Telephone No.:

1-87-Permatex (877) 376-2839

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