



P.O. Box 15018
Hastings, New Zealand

MATERIAL SAFETY DATA SHEET

IN CASE OF SPILL CALL

(06) 879-9438

PS SPOT REMOVER (AEROSOL)

Section I - Product Identification

Trade Name: PS Spot Remover (aerosol) **Product #:** C190-PF
Synonyms: Stain Extinguisher PF Aerosol **CAS Number:** Blend

Section II - Composition / Information on Ingredients

Chemical Name	AMOUNT	CAS NO.
1-Methoxy-2-Propanol	1.0 - 5.0%	107-98-2
Dipropylene Glycol Monomethyl Ether	1.0 - 5.0%	34590-94-8
Water	60.0 - 100.0%	7732-18-5
Styrene Maleic Anhydride Resin, Cumene End Capped	1.0 - 5.0%	52720-34-1
Dimethyl Ether (propellant)	10.0 - 30.0%	115-10-6

(See Section 8 for exposure guidelines)
(See section 15 for regulatory information)

Section III - Hazards Identification

EMERGENCY OVERVIEW: Harmful if swallowed.

HMS Rating: Health: 1 Flammability: 2 Reactivity: 0
NFPA Rating: Health: 1 Flammability: 2 Reactivity: 0

Section IV - Potential Health Effects

Eye: May cause temporary eye irritation.
Skin: Prolonged or repeated exposure may cause irritation.
Inhalation: Inhalation of high vapour concentrations may result in headaches, nausea, vomiting and coma. Prolonged exposure may cause unconsciousness or death.
Ingestion: Swallowing the liquid may result in vomiting

Section V - First Aid Measures

Eye Contact First Aid: Flush eye with water for 15 minutes. Get medical attention if irritation develops or persists.
Skin Contact First Aid: Wash skin with soap and water. Wash clothing before reuse.
Inhalation First Aid: If inhaled, remove to fresh air.
Ingestion First Aid: Induce vomiting. Call a physician or poison control centre immediately.

Section VI - Fire Fighting Measures

Flammable Properties: TCC Flash Point: >93.3 C (>199.9 F) Autoignition Temperature: N/A
Flammable Limits in Air: LEL: % UEL: %
Flammable Properties: Aqueous solution in a flammable propellant (flashpoint = -42 F)
Extinguishing Media: Foam, water fog, dry chemical.
Fire & Explosion Hazards: Temperatures above 130F may cause cans to burst.
Fire Fighting Instructions: Containers can build up pressure if exposed to heat (fire). Contact emergency personnel as necessary.
Miscellaneous: Water spray may be used to cool cans in the vicinity of fire or excessive heat.

Section VII - Accidental Release Measures

Safeguards (Personnel): Eliminate all sources of ignition—heat, sparks, flame. Wear safety goggles. Ventilate spill area.
Initial Containment: Absorb spills with inert material. Eliminate all sources of ignition—heat, sparks, and flame. Allow propellant to evaporate.
Large Spills Procedure: Keep unnecessary and unprotected personnel from entering. Absorb spill with inert material (e.g. dry sand or earth) then place in a chemical waste container.
Small Spills Procedure: Absorb spills with inert material.

Section VIII - Handling & Storage

Handling (Personnel): Use with adequate ventilation. Avoid contact with eyes, skin, and clothing.
Handling (Physical Aspects): Provide appropriate ventilation. Eliminate all sources of ignition—heat, sparks, flame. Avoid extreme temperatures.
Storage Precautions: Store in a well-ventilated place. Keep away from sources of ignition. Avoid extreme temperatures.

Section IX - Exposure Controls / Personal Protection

Eye / Face Protection Requirements: Wear safety glasses.
Skin Protection Requirements: Wash hands thoroughly after handling. For brief contact, normal work attire should be sufficient.
Exposure Guidelines: Dipropylene glycol monomethyl ether
OSHA PEL: 100 ppm
ACGIH TWA: 100 ppm
OSHA STEL: 150 ppm

Section X - Physical and Chemical Properties

Form: Aerosol **Colour:** Light Amber **Odour:** Slight
Boiling Point: >38.08 C (>100 F) **Solubility in Water:** Soluble
Specific Gravity: 1.0 (water = 1) **pH:** 7-8 **% Volatiles:** 97%

Section XI - Stability & Reactivity

Stability: Stable at room temperature **Polymerization:** Hazardous polymerization will not occur.
Incompatibility With Other Materials: Oxidizers
Decomposition: Oxides of carbon and nitrogen
Conditions to Avoid: Temperatures above 130 F.

Section XII - Toxicological Information

1-Methoxy-2-propanol:
Test Code: Acute LC50 Species: Rat Results: 10,000 ppm/5-hour
Test Code: Oral LD50 Species: Rat Results: 5660 mg/Kg
Test Code: Dermal LD50 Species: Rabbit Results: 13000 mg/Kg
Dipropylene glycol monomethyl ether:
Test Code: Dermal LD50 Species: Rabbit Results: >20 ml/kg
Test Code: Oral LD50 Species: Rat Results: 5.4 ml/kg
Dimethyl Ether (Propellant):
Test Code: Inhalation LC50 Species: Rat Results: 164,000 ppm 4H

Section XIII - Ecological Information

Styrene maleic anhydride resin, cumene and capped:
Test Code: EC50 Species: Daphnia magna Results: 1990 mg/L 24H

Section XIV - Disposal Considerations

Waste Disposal: Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

Section XV - Transportation Information

Product Label: Professional Strength Spot Remover, Aerosol
M. O. T. Shipping Name:
M. O. T. Hazard Class:
Miscellaneous: MOT Exception: LTD QTY
IATA Shipping Classifications:
Proper Shipping Name: Aerosols, flammable
ID No.: UN1950

Hazard Class: 2.1.
Label: Flammable gas.
Please see the other side for more information

IMO/IMDG Shipping Classifications:**Proper Shipping Name:** Aerosols**ID No.:** UN1950**Code Page No.:** 2102.**MFAG Table No.:** Refer to subsection 4.2 of the MFAG**Hazard Class:** 2.1**Label:** Aerosols**EmS No.:** 2-13**PS SPOT REMOVER (AEROSOL)**

IMDG Limited Quantity Exception—IMDG Code Page Number 0149 Amdt 29-98 Section 18.9.1— Limited quantities of dangerous goods for personal or household use that are packaged and distributed in a form suitable for sale through retail agencies may be exempted from marking of the proper shipping name and UN number on the packaging.

Section XVI - Regulatory Information

01=SARA Title III Section 302

03=RCRA Hazardous Waste Code

05=Clean Air Act

07=Florida Right-to-know

09=New Jersey Right-to-know

02=SARA Title III Section 313

04=CERCLA Hazardous Substances

06=California Prop. 65

08=Massachusetts Right-to-know

10=Pennsylvania Right-to-know

Regulatory Disclosures:

Dimethyl ether is on the following state lists: Florida; Massachusetts, and Pennsylvania.

EEC Symbols and Indications of Danger: Highly flammable (F)**R-Phrases:** R10 - Flammable**S-Phrases:** S16.1 - Keep away from sources of ignition.**WHMIS Hazard Symbols:** Class A - Compressed Gas, Class B - Flammable and Combustible Material

Canadian Disclosure List: 1-methoxy-2-propanol (107-98-2)
Dipropylene glycol monomethyl ether (34590-94-8)

Clean Air Act: 1-methoxy-2-propanol (107-98-2)**Miscellaneous Information:**

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

Section XVII - Other Information**Prepared By:** Cory Parr**Approval Date:** January 31, 2000**RTN Number:** 00000061 (official Copy)**Approved By:** Edward Durrant**Supersedes Date:** December 16, 1999**Title:** Chemist

MSDS PS Spot Remover (Aerosol)

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N/A = Not Applicable N/E = Not Established N/D = No Data