

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Professional Strength Spot Remover, Aerosol
Product Number: C190-PF24
CAS Number: Blend

HARRIS RESEARCH, INC.

Company Identification

Harris Research, Inc.
1530 North 1000 West
Logan, UT 84321 USA
1-435-755-0099 (For product information)
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
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
DIMETHYL ETHER (PROPELLANT)	10.0 - 30.0 %	115-10-6
STYRENE - MALEIC ANHYDRIDE COPOLYMER, SODIUM SALT	1.0 - 5.0 %	52500-92-2

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

3. HAZARDS IDENTIFICATION

***** EMERGENCY OVERVIEW *****
* * * * *
* CAUTION * * * * *
* * * * *
* Harmful if swallowed. * * * * *
* * * * *



(section 3 continued)

HMIS Rating - Health: 1
Flammability: 2
Reactivity: 0

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

POTENTIAL HEALTH EFFECTS

EYE:

May cause temporary eye irritation.

SKIN:

Prolonged or repeated exposure may cause irritation.

INHALATION:

Inhalation of high vapor concentrations may result in headaches, nausea, vomiting and coma. Prolonged exposure may cause unconsciousness or death.

INGESTION:

Swallowing the liquid may result in vomiting.

4. 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 center immediately.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

TCC Flash Point: > 100 C (> 212.0 F)

Autoignition Temperature: N/A



(section 5 continued)

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.

6. 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, 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.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

Use with adequate ventilation. Avoid contact with eyes, skin, and clothing.



(section 7 continued)

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.

8. 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

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Aerosol
COLOR: Light Amber
ODOR: Slight
BOILING POINT: >100 F
SOLUBILITY IN WATER ...: soluble
SPECIFIC GRAVITY: 1.0 (Water = 1)
PH: 7 - 8.2
% VOLATILES: 97 %

10. STABILITY AND REACTIVITY

STABILITY:

Stable at room temperature.

POLYMERIZATION:

Hazardous polymerization will not occur.



(section 10 continued)

INCOMPATIBILITY WITH OTHER MATERIALS:

Oxidizers.

DECOMPOSITION:

Oxides of carbon and nitrogen.

CONDITIONS TO AVOID:

Temperatures above 130F.

11. TOXICOLOGICAL INFORMATION

Professional Strength Spot Remover, Aerosol

Test Code: Acute oral LD50

Species: Rats

Results: >5 g/kg

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

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

14. TRANSPORTATION INFORMATION

PRODUCT LABEL: Professional Strength Spot Remover, Aerosol

D.O.T. SHIPPING NAME ...: Consumer commodity

D.O.T. HAZARD CLASS: ORM-D

MISCELLANEOUS:

DOT Exception: 49CFR 173.306(h).

IATA Shipping Classification:

Aerosols, flammable, 2.1, UN1950, Packaging Instructions Y203, Limited Quantity.

IMO/IMDG Shipping Classification:



(section 14 continued)

AEROSOLS (maximum 1 litre), 2.1, UN1950, Limited Quantity.

EmS No.: 2-13.

Note: See IMDG Code 3.4.

15. REGULATORY INFORMATION

REGULATORY LISTS SEARCHED:

01 = SARA TITLE III SECTION 302
03 = RCRA HAZARDOUS WASTE CODES
05 = CLEAN AIR ACT

02 = SARA Title III Section 313
04 = CERCLA Hazardous Substances
06 = California Prop. 65

EEC Symbols and Indications of Danger:

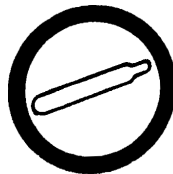
None

S-Phrases:

S15 - Keep away from heat.

WHMIS Hazard Symbols:

Class A - Compressed Gas



Canadian Disclosure List

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

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).

16. OTHER INFORMATION

PREPARED BY: Edward Durrant
APPROVED BY: Dale Jensen
TITLE: Product Development Manager
APPROVAL DATE: January 4, 2008
SUPERCEDES DATE ...: May 11, 2006
RTN NUMBER: 00000061 (Official Copy)



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