

# SAFETY DATA SHEET

## Stain Extinguisher - Aerosol

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Product Identification

Product Name: Stain Extinguisher - Aerosol  
Product Number: Retail-C190, C196, C198, C190-Custom  
CAS Number: Blend

#### 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)

HRI

### 2. HAZARDS IDENTIFICATION

#### **GHS Classification:**

Specific Target Organ - Single Exposure - Category 3  
Gases Under Pressure-(Compressed Gas)

#### **GHS Hazard Symbols:**



#### **SIGNAL WORD:**

Warning.

#### **GHS Hazard Statements:**

H280 - Contains gas under pressure; may explode if heated.  
H336 - May cause drowsiness or dizziness.

#### **GHS Precautionary Statements:**

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P304/340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
P403 - Store in a well-ventilated place.  
P501 - Dispose of contents/container in accordance with local/regional/national regulations.  
P410/403 - Protect from sunlight. Store in a well-ventilated place.



**CARCINOGENICITY INFORMATION:**

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, OSHA, or NTP as a carcinogen.

### 3. 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 |
| STYRENE - MALEIC ANHYDRIDE COPOLYMER, SODIUM SALT | 1.0 - 5.0 % | 52500-92-2 |
| NITROGEN  | < 0.1 %     | 7727-37-9  |

### 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:**

Immediately flush skin with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

**INHALATION FIRST AID:**

If inhaled, remove to fresh air. Get medical attention if cough or other symptoms develop.

**INGESTION FIRST AID:**

If swallowed, do NOT induce vomiting. Rinse mouth with water. Call a physician or poison control center immediately.

### 5. FIRE FIGHTING MEASURES

**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):**

Wear safety goggles. Ventilate spill area.

**INITIAL CONTAINMENT:**

Absorb spills with inert material.

**LARGE SPILLS PROCEDURE:**

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

**RECOMMENDED STORAGE TEMPERATURE**

Minimum: 4.4 C (39.9 F)

Maximum: 43.3 C (109.9 F)

**HANDLING (PERSONNEL):**

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

**HANDLING (PHYSICAL ASPECTS):**

Provide appropriate ventilation. Avoid extreme temperatures.

**STORAGE PRECAUTIONS:**

Store in a well ventilated place. Avoid extreme temperatures.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**EYE / FACE PROTECTION REQUIREMENTS:**

Wear safety glasses.

**SKIN PROTECTION REQUIREMENTS:**

Wear protective gloves to minimize skin contamination. Wash hands thoroughly after handling. For brief contact, normal work attire should be sufficient.

**RESPIRATORY PROTECTION REQUIREMENTS:**

Under normal use conditions, with adequate ventilation, no special handling equipment is required.

**EXPOSURE GUIDELINES:**

**1-methoxy-2-propanol**

OSHA TWA: 100 ppm, 360 mg/m<sup>3</sup>

OSHA STEL: 150 ppm

**Dipropylene glycol monomethyl ether**

OSHA PEL: 100 ppm, 600 mg/m<sup>3</sup>

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                      |                   |
|----------------------|-------------------|
| FORM:                | Aerosol           |
| COLOR:               | Light Amber       |
| ODOR:                | Slight            |
| BOILING POINT:       | >100 F            |
| SOLUBILITY IN WATER: | soluble           |
| SPECIFIC GRAVITY:    | 1.012 (Water = 1) |
| PH:                  | 7 - 8.2           |
| % VOLATILES:         | 97 %              |

**FLAMMABLE PROPERTIES**

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

Autoignition Temperature: N/A

**FLAMMABLE LIMITS IN AIR**

LEL: N/A



UEL: N/A

## 10. STABILITY AND REACTIVITY

**STABILITY:**

Stable at room temperature.

**POLYMERIZATION:**

Hazardous polymerization will not occur.

**INCOMPATIBILITY WITH OTHER MATERIALS:**

Oxidizers.

**DECOMPOSITION:**

Combustion may produce oxides of carbon and nitrogen.

**CONDITIONS TO AVOID:**

Temperatures above 130F.

## 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:**

May cause eye irritation.

**SKIN EFFECTS:**

May cause skin irritation.

**ACUTE ORAL EFFECTS:**

Irritating to mouth, throat, and stomach.

**ACUTE INHALATION EFFECTS:**

May causes respiratory tract irritation.

**1-methoxy-2-propanol**

Test Code: Oral LD50

Species: Rat

Results: 5660 mg/Kg

Test Code: Dermal LD50

Species: Rabbit

Results: 13000 mg/Kg

Test Code: Inhalation LC50

Species: Rat

Results: 10,000 ppm/5-hour

**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



## 12. ECOLOGICAL INFORMATION

### 1-methoxy-2-propanol

Test Code: Acute LC50  
Species: Fathead minnow  
Results: 20,800 mg/L

### Dipropylene glycol monomethyl ether

Test Code: Acute LC50  
Species: Fathead minnow  
Results: > 10000 mg/L

## 13. DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL:

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

## 14. TRANSPORT INFORMATION

|                       |                              |
|-----------------------|------------------------------|
| PRODUCT LABEL:        | Stain Extinguisher - Aerosol |
| D.O.T. SHIPPING NAME: | Limited Quantity             |
| D.O.T. LABEL:         | Carpet Cleaning Product      |

### MISCELLANEOUS:

D.O.T. Air: UN1950, Aerosols, Non-flammable, 2.2.

IATA Shipping Classification.

UN1950, Aerosols (1L capacity), 2.2, Packaging Instructions Y203, Limited Quantity 1L.

IMO/IMDG Shipping Classification.

UN1950, AEROSOLS, 2.2, UN1950, Limited Quantity 1 L.

EmS No.: F-D, S-U.

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

### R-Phrases:

R36/37/38 - Irritating to eyes, respiratory system, and skin.

### S-Phrases:

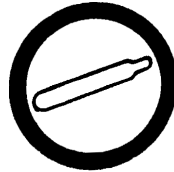
S13 - Keep away from food, drink, and animal feeding stuffs.



S1 - Keep locked up.  
S1/2 - Keep locked up and out of the reach of children.  
S23.1 - Do not breathe gas/fumes/vapor.  
S24/25 - Avoid contact with skin and eyes.  
S3 - Keep in a cool place.  
S36/37/39 - Wear suitable protective clothing, gloves, and eye/face protection.

**WHMIS Hazard Symbols:**

Class A - Compressed Gas



**Canadian Disclosure List**

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

**CERCLA Hazardous Substances**

Stain Extinguisher - Aerosol (BLEND) -- n/a

**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:     | Sterling Nesbit          |
| APPROVED BY:     | Sterling Nesbit          |
| TITLE:           | Chemist                  |
| APPROVAL DATE:   | May 15, 2020             |
| SUPERCEDES DATE: | July 8, 2019             |
| RTN NUMBER:      | 00000044 (Official Copy) |

**HMIS Rating:**

Health - 1  
Flammability - 1  
Reactivity - 0

**NFPA Rating:**

Health - 1  
Flammability - 1  
Reactivity - 0

