

# 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:

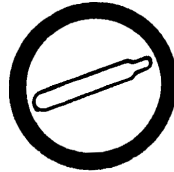
S13 - Keep away from food, drink, and animal feeding stuffs.



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



# SAFETY DATA SHEET

## Retail Stain Extinguisher Grease and Oil

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Product Identification

Product Name: Retail Stain Extinguisher Grease and Oil  
Product Number: C970-12  
Synonyms: Stain Extinguisher Grease and Oil  
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:**

Acute Toxicity, Dermal - Category 4  
Acute Toxicity, Oral - Category 4  
Acute Toxicity, Inhalation - Category 4  
Skin Corrosion/Irritation - Category 2  
Serious Eye Damage/Eye Irritation - Category 2/2A  
Gases Under Pressure-(Compressed Gas)

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



#### **SIGNAL WORD:**

Warning.

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

H302 - Harmful if swallowed.  
H332 - Harmful if inhaled.  
H312 - Harmful in contact with skin.  
H319 - Causes serious eye irritation.  
H315 - Causes skin irritation.  
H280 - Contains gas under pressure; may explode if heated.

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

P251 - Pressurized container: Do not pierce or burn, even after use.



P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P302/352 - IF ON SKIN: Wash with plenty of soap and water.  
P305/351/338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
P362 - Take off contaminated clothing and wash before reuse.  
P410/412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
P501 - Dispose of contents/container to be in accordance with local, regional, national, and international regulations..

**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
ETHYLENE GLYCOL MONOBUTYL ETHER	10.0 - 30.0 %	111-76-2
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:**

Flush skin with plenty of water. Get medical attention if irritation develops or persists.

**INHALATION FIRST AID:**

Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air. Get medical attention if cough or other symptoms develop.

**INGESTION FIRST AID:**

For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention. Rinse mouth with water. Never give anything by mouth to an unconscious person. Contact a physician.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:**

Foam, water fog, dry chemical.

### 6. ACCIDENTAL RELEASE MEASURES

**SAFEGUARDS (PERSONNEL):**

Protect skin and eyes from exposure.

**INITIAL CONTAINMENT:**

Absorb spills with inert material.

**SMALL SPILLS PROCEDURE:**

Absorb spills with inert material.





## 7. HANDLING AND STORAGE

### HANDLING (PERSONNEL):

Avoid contact with eyes, skin, and clothing.

### STORAGE PRECAUTIONS:

Keep away from heat and flame.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### ENGINEERING CONTROLS:

Good general ventilation should be sufficient to control airborne levels.

### EYE / FACE PROTECTION REQUIREMENTS:

Wear safety glasses.

### SKIN PROTECTION REQUIREMENTS:

For brief contact, normal work attire should be sufficient. Wear impervious gloves, such as PVC, nitrile rubber, or latex gloves.

### EXPOSURE GUIDELINES:

#### ETHYLENE GLYCOL MONOBUTYL ETHER

OSHA PEL: 25 ppm, 120 mg/m<sup>3</sup>

OSHA TWA: 25 ppm

ACGIH TWA: 25 ppm

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Liquid
COLOR:	Colorless
ODOR:	Glycol ether
SOLUBILITY IN WATER:	Complete
SPECIFIC GRAVITY:	0.98 (Water = 1)
PH:	9 - 9.5
% VOLATILES:	>90 %
VOLATILE ORGANIC COMPOUNDS (VOC):	<14%

### FLAMMABLE PROPERTIES

COC Flash Point: None

PMCC Flash Point: 91.1 C (196.0 F)

Autoignition Temperature: None

### FLAMMABLE LIMITS IN AIR

LEL: None

UEL: None

## 10. STABILITY AND REACTIVITY

### STABILITY:

Stable.

### POLYMERIZATION:



Hazardous polymerization will not occur.

**DECOMPOSITION:**

In the case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

## 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:**

Causes serious eye irritation.

**SKIN EFFECTS:**

May cause skin irritation.

**ACUTE ORAL EFFECTS:**

Irritation of mouth and throat, abdominal pain, headache, nausea.

**ACUTE INHALATION EFFECTS:**

May causes respiratory tract irritation.

**ETHYLENE GLYCOL MONOBUTYL ETHER**

Test Code: Acute oral LD50

Species: Rat

Results: 745 mg/kg

## 12. ECOLOGICAL INFORMATION

**ETHYLENE GLYCOL MONOBUTYL ETHER**

Test Code: LC50 96HR

Species: Fish

Results: >100 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: Retail Stain Extinguisher Grease and Oil

D.O.T. SHIPPING NAME: Limited Quantity

D.O.T. LABEL: Carpet Cleaning Product

**MISCELLANEOUS:**

D.O.T. Shipping Classification: UN1950, Aerosols, Non-flammable, 2.2, ( Limited Quantity 1.0 L.).

IATA Shipping Classification: UN1950, Aerosols, Non-flammable, 2.2, ( Limited Quantity 1L.).

IMO/IMDG Shipping Classification: UN1950, AEROSOLS , 2.2, ( Limited Quantity 1.0 L.).

## 15. REGULATORY INFORMATION



**REGULATORY LISTS SEARCHED:**

01 = SARA TITLE III SECTION 302	02 = SARA Title III Section 313
03 = RCRA HAZARDOUS WASTE CODES	04 = CERCLA Hazardous Substances
05 = CLEAN AIR ACT	06 = California Prop. 65

**EEC Symbols and Indications of Danger:**

None

**R-Phrases:**

R20/21/22 - Harmful by inhalation, in contact with skin, and if swallowed.  
R36/37/38 - Irritating to eyes, respiratory system, and skin.  
R41 - Risk of serious damage to eyes.

**S-Phrases:**

S23.1 - Do not breathe gas/fumes/vapor.  
S44 - If you feel unwell, seek medical advice (show the label where possible).  
S36/37 - Wear suitable protective clothing and gloves.  
S15.1 - Keep away from heat and flame.  
S24/25 - Avoid contact with skin and eyes.

**WHMIS Hazard Symbols:**

None

**Canadian Disclosure List**

ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2)

**CERCLA Hazardous Substances**

Retail Stain Extinguisher Grease and Oil (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:	Lab
APPROVAL DATE:	November 25, 2020
SUPERCEDES DATE:	November 25, 2020
RTN NUMBER:	00000342 (Official Copy)

**NFPA Rating:**

Health - 1  
Flammability - 2  
Reactivity - 3

