

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Grease & Oil Spot Remover
Professional Strength Aerosol
Product Number: C980-12
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:

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
WATER	60.0 - 100.0 %	7732-18-5
ETHYLENE GLYCOL MONOBUTYL ETHER	10.0 - 30.0 %	111-76-2
STYRENE - MALEIC ANHYDRIDE COPOLYMER, SODIUM SALT	1.0 - 5.0 %	52500-92-2
DIMETHYL ETHER	10.0 - 30.0 %	115-10-6

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

3. HAZARDS IDENTIFICATION

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***** EMERGENCY OVERVIEW *****
*
* CAUTION *
*
* Eye irritant. May cause skin irritation after *
* repeated or prolonged contact. *
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*****
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(section 3 continued)

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

POTENTIAL HEALTH EFFECTS

EYE:

Causes eye irritation.

SKIN:

Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

INHALATION:

Prolonged or excessive inhalation may cause respiratory tract irritation.

INGESTION:

Irritating to mouth, throat, and stomach.

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.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Flush eye with water for 15 minutes.

SKIN CONTACT FIRST AID:

Flush skin with plenty of water.

INHALATION FIRST AID:

Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air.

INGESTION FIRST AID:

For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: None

PMCC Flash Point: 91.1 C (196.0 F)

Autoignition Temperature: None



(section 5 continued)

FLAMMABLE LIMITS IN AIR

LEL: None

UEL: None

FLAMMABLE PROPERTIES:

Aqueous solution in a flammable propellant (flashpoint = -42 F).

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.

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.

EXPOSURE GUIDELINES:

ETHYLENE GLYCOL MONOBUTYL ETHER

OSHA PEL: 25 ppm, 120 mg/m³

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 %

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

ETHYLENE GLYCOL MONOBUTYL ETHER

Test Code: Oral LD50
Species: Rat
Results: 470 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. TRANSPORTATION INFORMATION

PRODUCT LABEL: Grease & Oil Spot Remover Professional Strength Aero
D.O.T. SHIPPING NAME ...: Consumer commodity
D.O.T. HAZARD CLASS: ORM-D

MISCELLANEOUS:

See DOT Exception: 49 CFR 173.306(h).

IATA Shipping Classification:

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

IMO/IMDG Shipping Classification:

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

EmS Number: 2-13.

Note: See IMDG Code 3.4.

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:

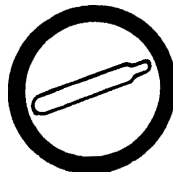
None

S-Phrases:

S15.1 - Keep away from heat and flame.
S24/25 - Avoid contact with skin and eyes.

WHMIS Hazard Symbols:

Class A - Compressed Gas



Canadian Disclosure List

ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2)



(section 15 continued)

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 ...: January 5, 2007
RTN NUMBER: 00000215 (Official Copy)

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